ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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ELECTRIC PROPULSIVE SPACECRAFT and SPACECRAFT SYSTEMS MANUFACTURING.
Experience: Retired 38 year Active Duty USAF PhD Engineer. AFIT/AETC/AFMC - UT/OU

0EARTH, 0SOL, 0MW,1UNV,1INF.m
Joined November 2022

- Tweets 1,645
- Following 540
- Followers 11,293
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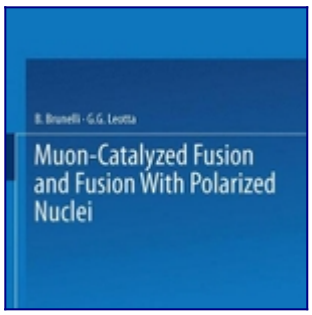
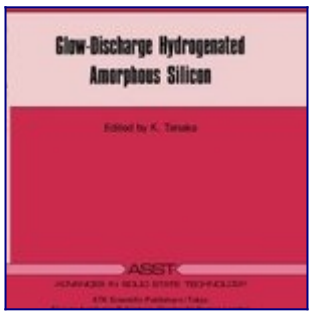
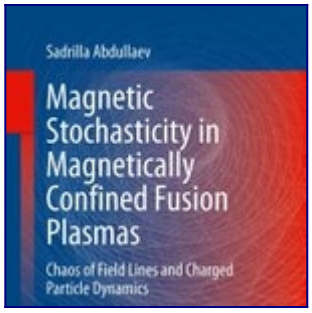
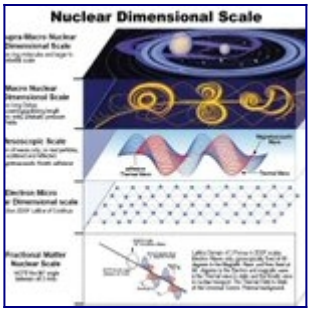
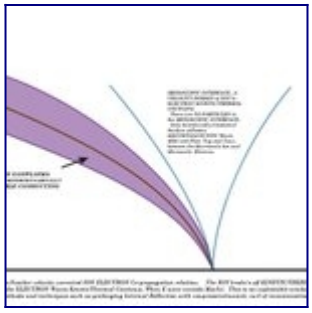
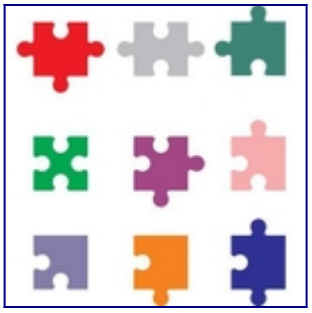
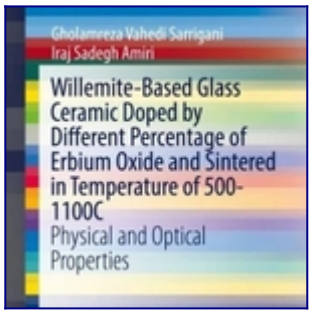
702 Photos and videos

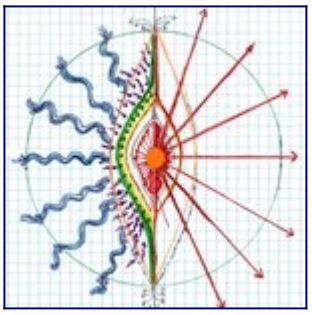










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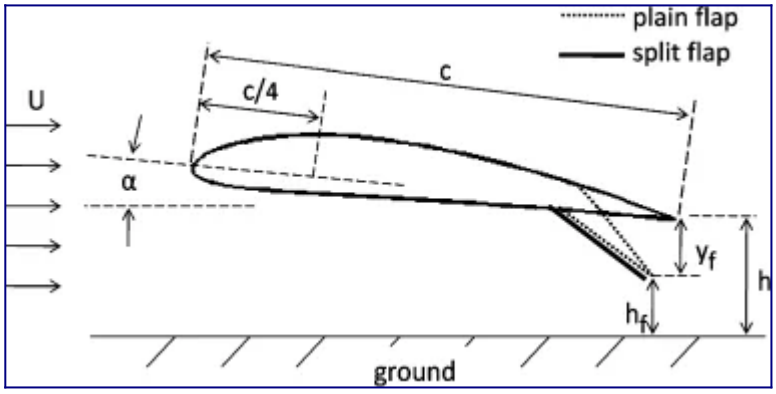
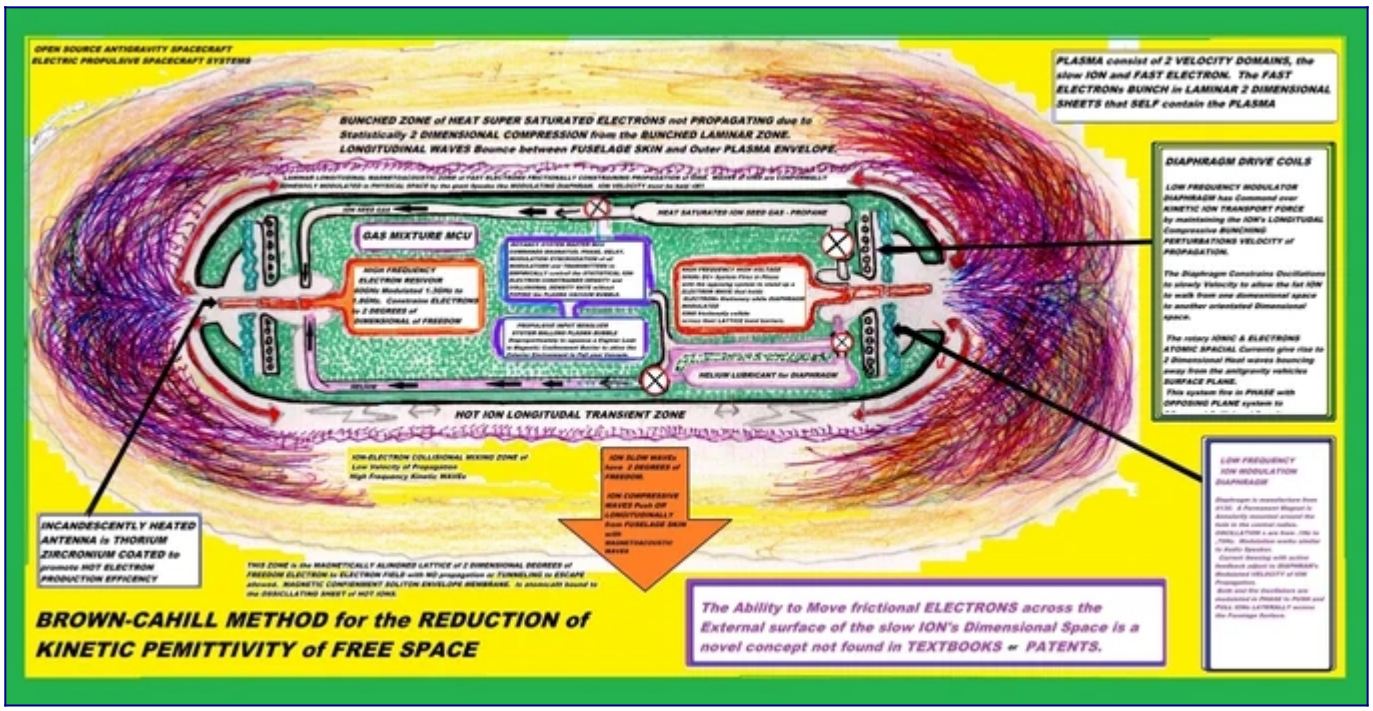
8 Dec 2024

On one side of a Hummingbird's Wing, along the span of the first 1/4 of the wings Chord, on one side of the wing, we'll call it the top, we find a zone of High Pressure swelling upward and then, a moderate vacuum along the remaining 3/4s' of the upper wing chord, whose gradient of vector is 90° degrees to the direction of travel. (Gyroscopic Nuclear Precession Law, it is 90° to axial force). The Wake is a low pressure zone, a region of vacua or "pulling away", whose highest gradient of pressure differential is found at the boundary of 1/4 Compressive Region vs the 3/4 Expansive. Rarefied region and tapers linearly into equilibrium. So in Hover a Humming Bird is generating a Pressure Front and Vacuum Wake, then teeters his tiny Pressure vs Vacuum equilibrium Balance, buy use of, Hydrodynamically wiggling balance on a point he can physically feel the push and pull, then counter the pull with a slightly out of phase push, then another slightly out of phase push which matched the initial permittivity of air resistance (pushed against) to gain the Kinetic Balance just in front of the adiabatic adhesives pressure wavefront on the body of the hummingbird. This Methodology is the same as this Floaty teaching model thing. Balance Pressure Vs Low Pressure Wake, on the micro NUCLEAR scale or Electrostatic Equilibrium at the Macro and Meso Scale.


plain flap
split flap
c
c/4
U
α
y_f
h
h_f
ground



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Feb 27
Generate small LOCAL FIELD. High Voltage gap, geometrically placed, allowing sustained Dwell time in gap.
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Feb 27
Replying to @Paulb83209791
I never found out whose model or Engineering, manufactured that model. I would like to see the Helium Ionizer. I ionized helium to He+(+5 or +6 state) The High ionization of Helium slows renormalization.
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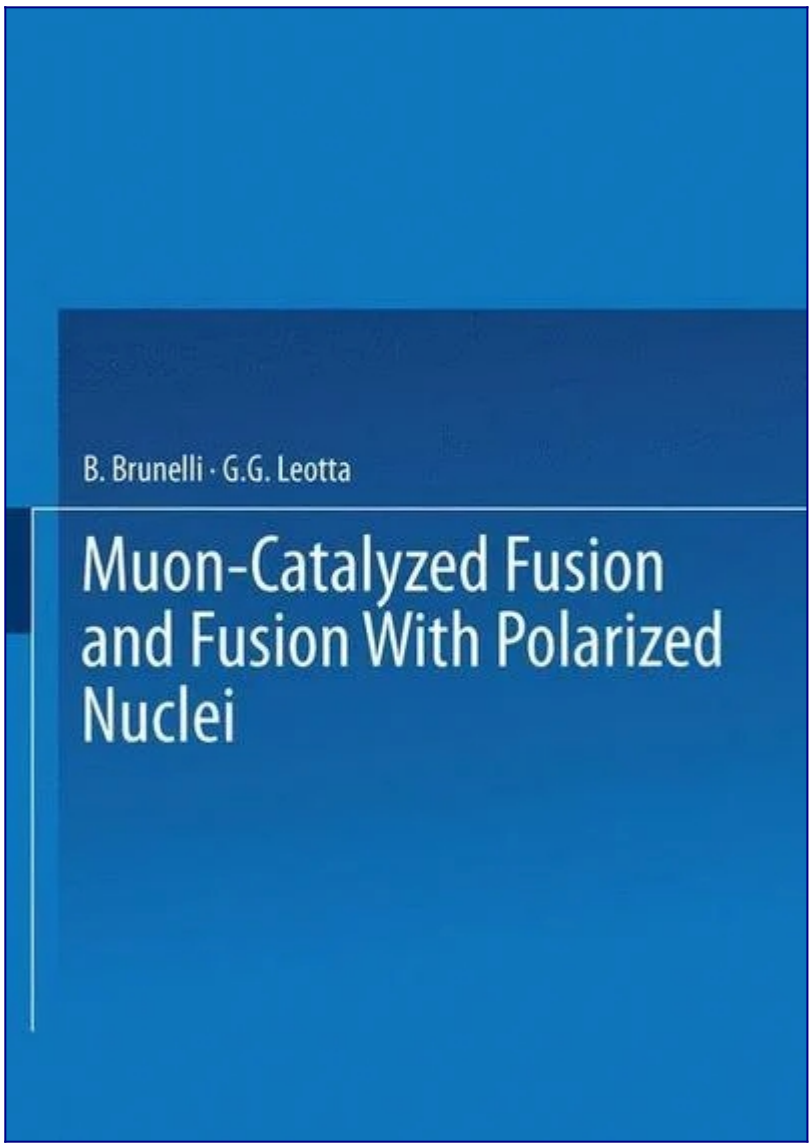
Feb 25
Muon-Catalyzed Fusion and Fusion with Polarized Nuclei.



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ELECTRO-ACOUSTIC WAVES in PRESENCE of POLARIZATION FORCE.

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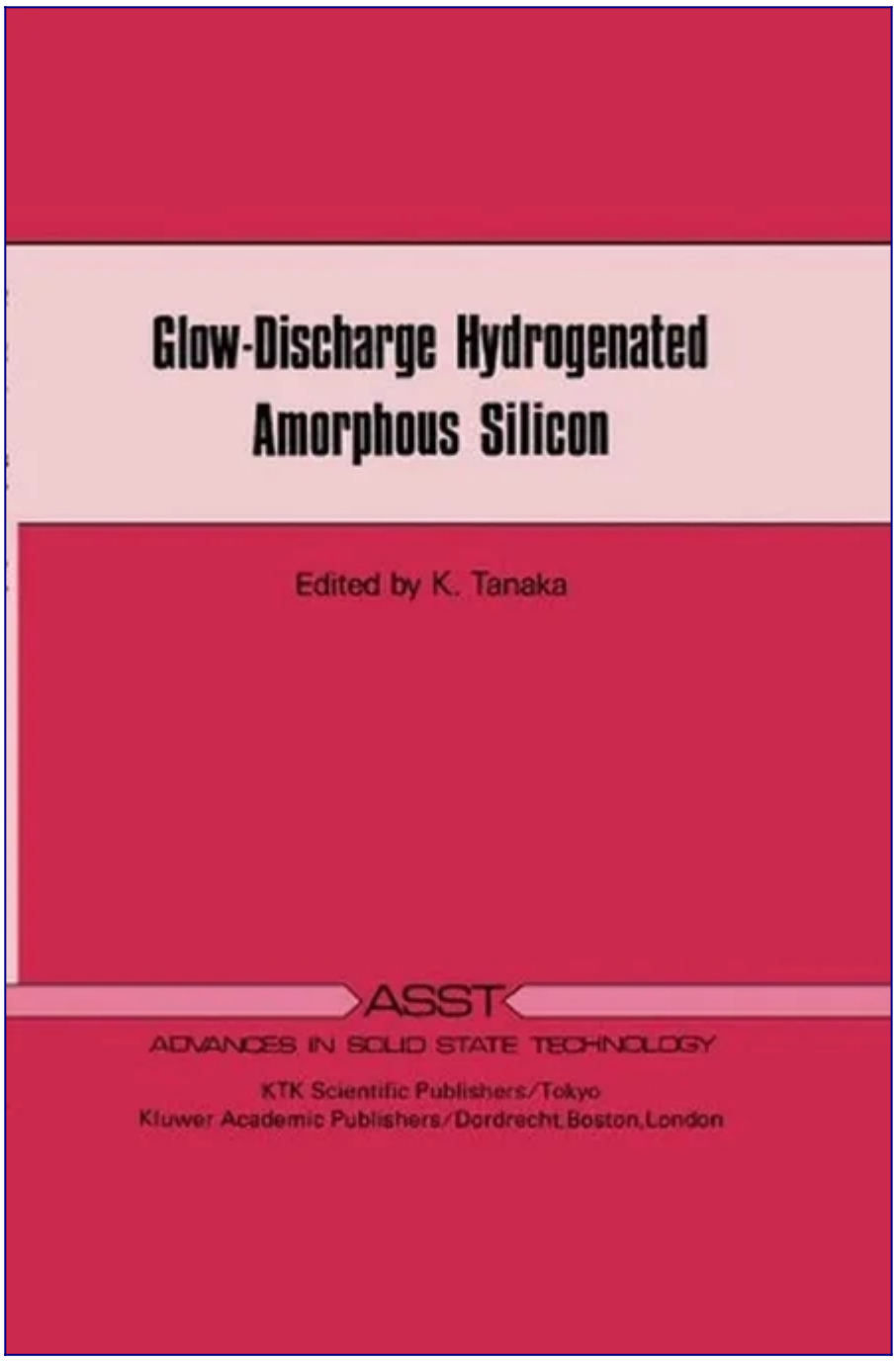
GLOW DISCHARGE HYDROGENATED AMORPHOUS SILICONE- K. Tanaka (1989)



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Feb 24
Replying to @th_stath
An Engineer should not Focus on Light/Photons. Light or Photons are Eddys from upper electron velocity of Mesoscopic Kinetic/Thermal movement. They are unimportant in engineering advanced spacecraft. The Physicist can expend his mental heat on the subject of Light/Photons, when he's not Gaming, watching sportsball-porn or reading anime.
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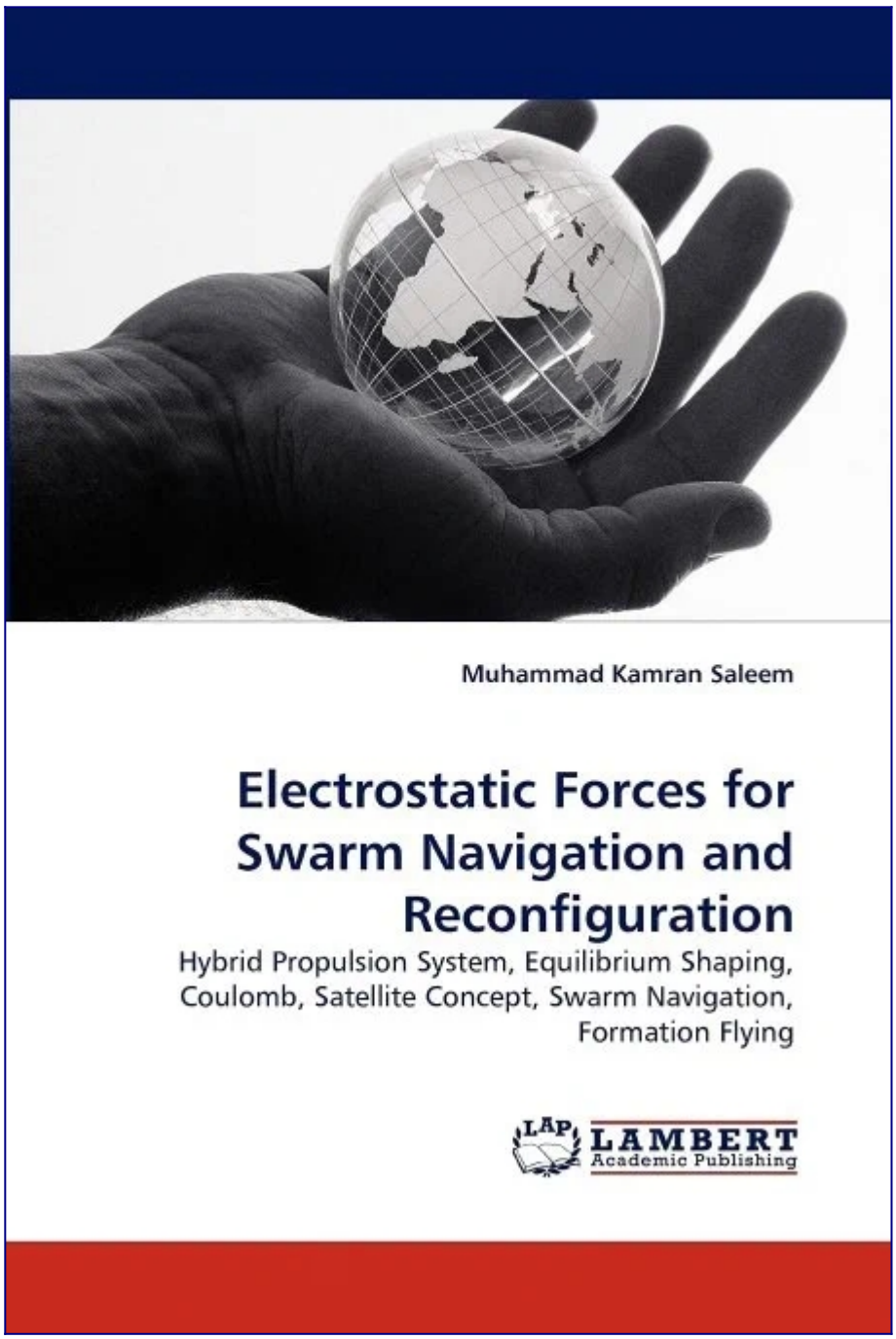
Feb 24
Replying to @Paulb83209791 @BrandonFugal @Daniel_T_Flint

Today they look like this and are flown both manned & unmanned. Or they can be flown Manned + Slave + Slave



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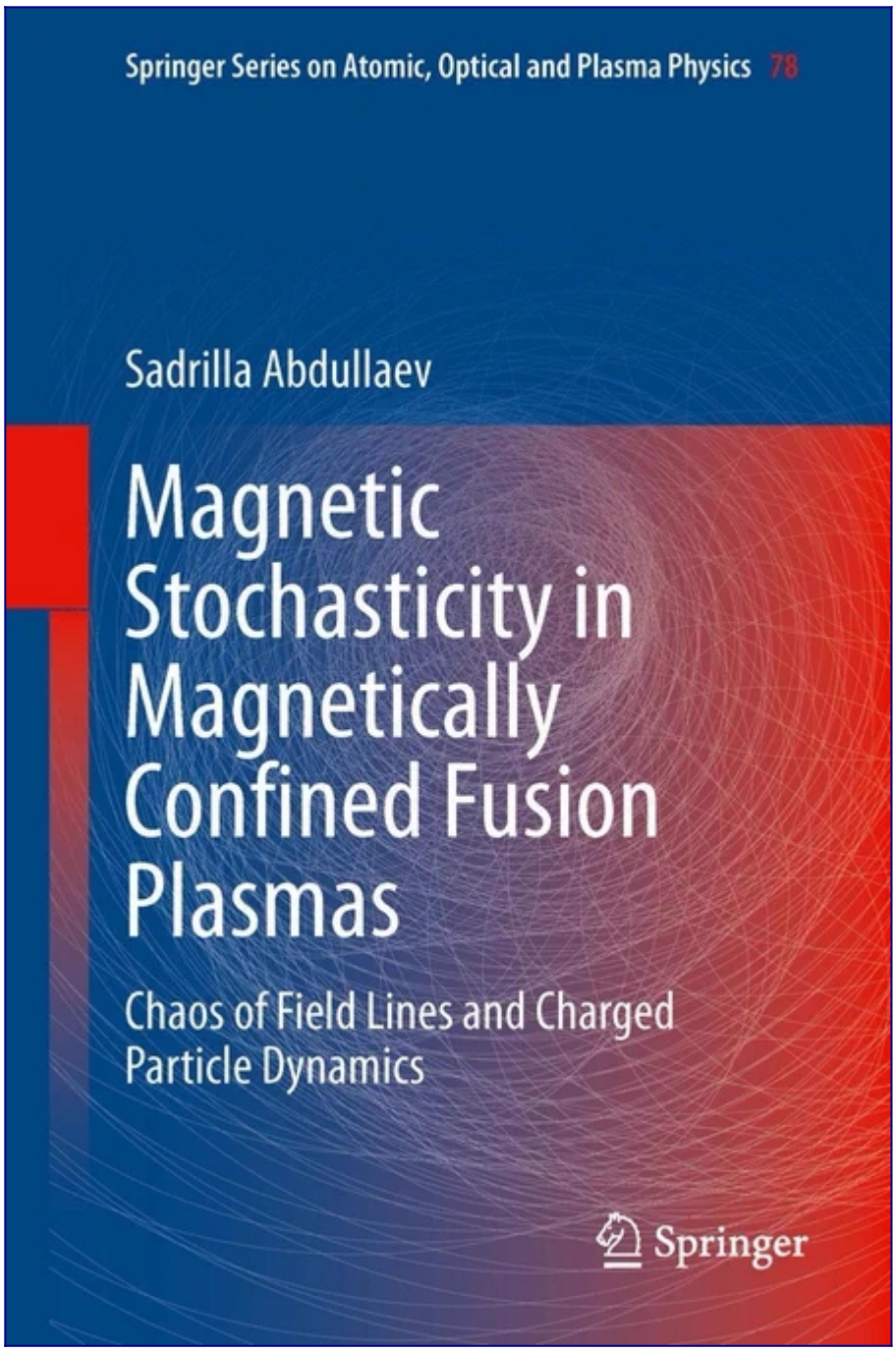
Magnetic Stochastics



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Feb 20
Replying to @Paulb83209791 @kwameok30458845
Juncture interruption, field becomes static-ey in a way that your Macroscale body has never encountered. Rendering Field to inertia-less equilibrium, internally. The 2DOF Lattice Fields, called Forbidden Domains/States in nuclear transport, where V_i and V_e begin shock induced velocity separation, is held static in electrified standing wave/wake. We do not experience the vector confining 2DOF forces found on the Election waves Microscale nuclear scale of continua, at our large macroscale. We can generate standing Electrical Fields of 2DOF, in the vicinity of a commendable reflecting wall. Within the standing soliton wave/wake, A localized electrostatic equilibrium of slow inertial scattering will occur inside and around the spacecraft, rendering a

weightless state to the spacecraft and occupant. You experience no inertial forces when turning 90 degrees in transport. No take off, just float away.....

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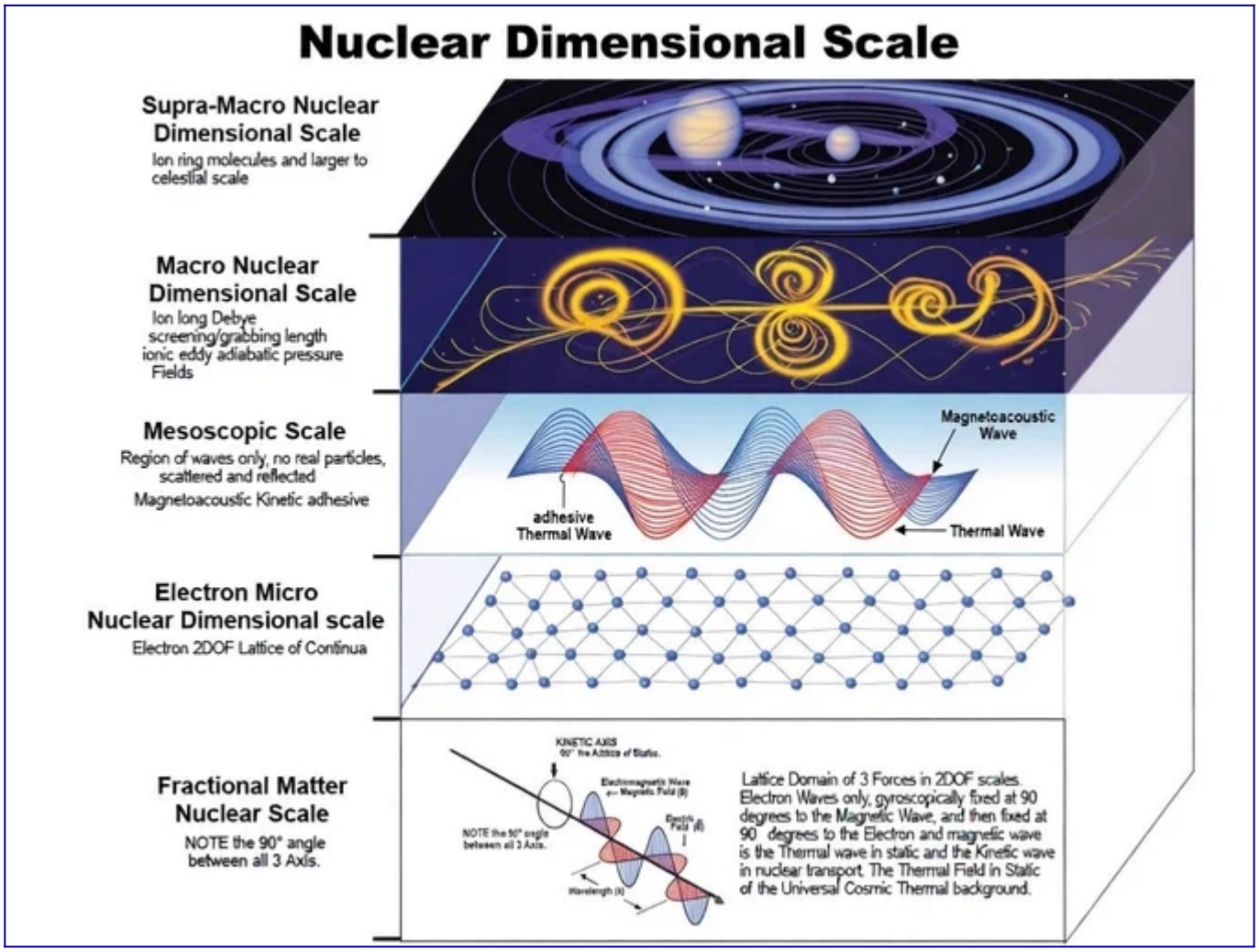

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Criticality in he Crossed Andreev Reflection of a Quantum Hall Edge. FERENGI translation: Electrostatic Reflecting Wall. journals.aps.org/prx/pdf/10.…

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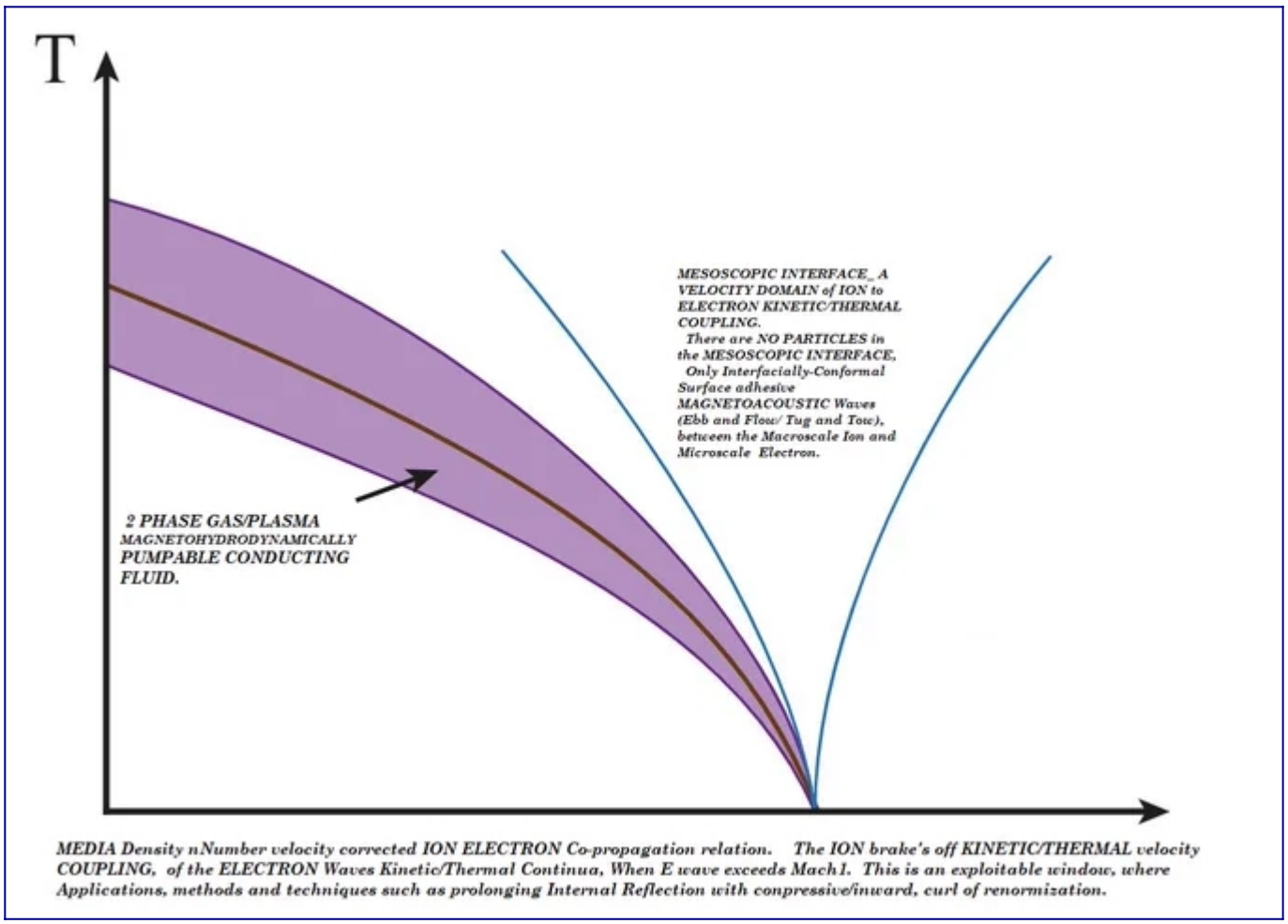

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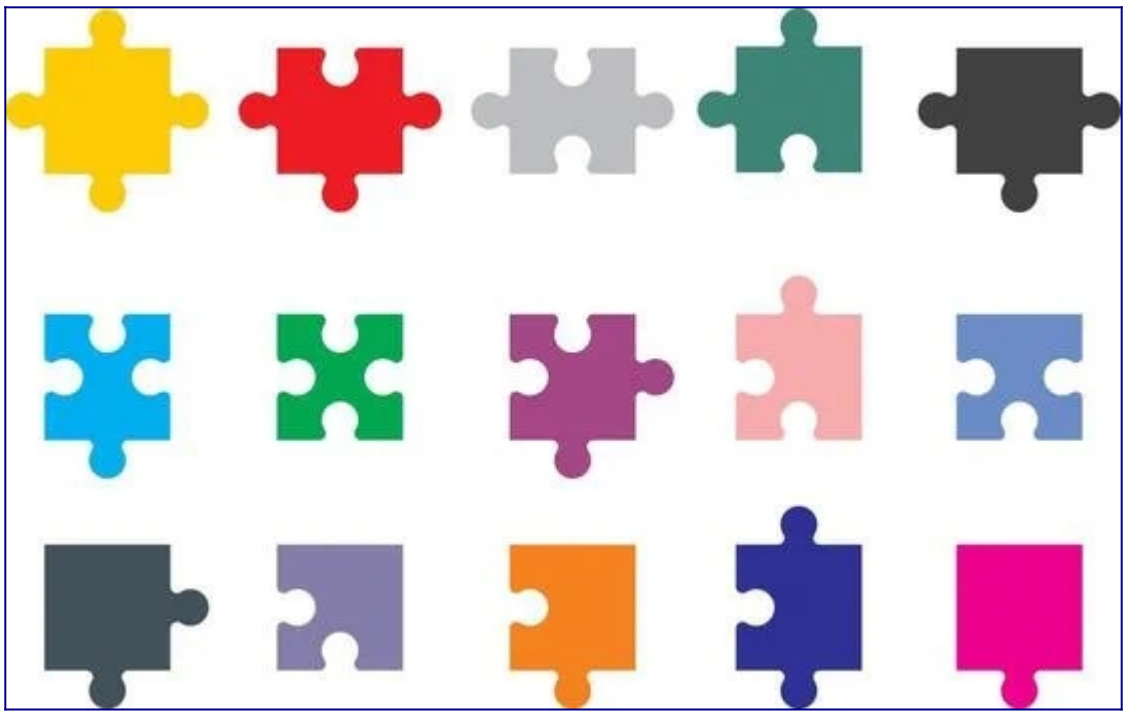
Feb 18
Replying to @dutch1777real
Reverse K _β capture via Piezo-Mesoscopic Interfacial Election Wave Renormalization Funnel. Has slow build to high voltage, field pops internally at peak-to conserve thermal internal total reflection. voltage zero reference is, whatever the thermal background is, becomes the reference Zero. (moving) The Electret is funnel shaped in stochastically distribution of semimetals and dielectrics, with single metallic layers on 2 outer surfaces and 2 interstitially arraigned inner layers, using magic sand (oxides). Made with magic light wands called lasers. 50-year-old boomer tech, but new 3D Oxide printers today. Flow bed manufactured Crystals take longer to grow but the effects of closed cavity nuclear structure, with voids, are more current generating. The monolithic crystal's Electrets' (lightly Polarized) Grain of vector is a function of the thermal slow wave flux. This gives a Diode-like flow of electrons out of the lattice. Simple 'Solid State Alternator' Theory of Operation. Input captive discharge pop, a Non-Linear Shock. Output: Linear slow building voltage (lags) pulse (Long lasting) and excellent current (Leads) rise, till field quits burping. Then rest of build up phase. We can make up our own new words, in Merica. You have to be next level smart to get the stochastics to high efficiency (Upgrade level).



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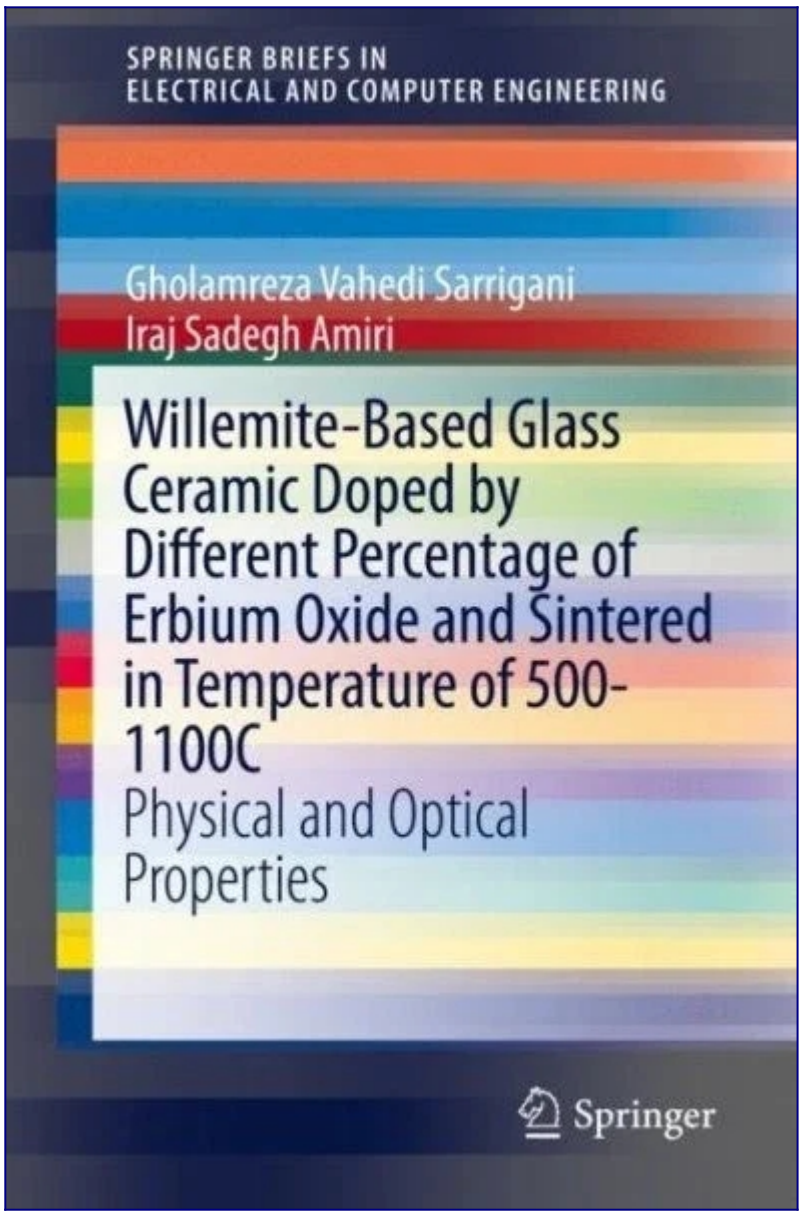

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[Feb 17](#)

DoE/DOD(DOW) engineering, Utilizes advanced Stochastic Ion nodal-Valence driven Distribution in manufacturing Sintered Ceramic monolythic shock capture accumulators. These monolythic crystal "shock-diodes" resemble a white transitioning to grey sharpening stone, with 4 projecting metal/Copper ears, off each side. This Solid-State Alternator sub-component have a small spark/shock introduced at a precision triggered time to maximize a reflected Heat wave, in equilibrium, to prevent outward radial thermal flow. The monolithic crystal 'shock diodes' internal thermal equilibrium, not excessively disturbed by the incoming wave, swells up to its peak moment getting ready to circularly flow, when the new wave comes in, just before over-peak flow occurs, swelling the wave higher toward non-linear cusp, causing a reflecting Thermal wall, still in static flow, preventing overspill, by swallowing the whole new incoming wave with a trough of time to be released into a lower synced equilibrium. (Drinking the whole gulp of shock). The tiny shockwave heats the crystalline lattice, to a point the internal V_i Plasma domains, become the Dominate vectoring Lattice structure. Note; the tiny current from the Captive discharged shockwave induced heating is similar to thermal Ionic heating for pumpable media. There is no outward flow of thermal

energy, it builds in the lattice as heat, expanding dimensional space. These devices are seal like TCXO's. The deliver good current at high voltage. They are single phase, must corrected to a high amperage smooth DC flow by filtering and high amp ballasting. Should say any more. Grok gave funny picture of this. digitalfire.com/article/part…
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Feb 17
This is valid. Resonating valence bond theory. en.wikipedia.org/wiki/Resona…

Resonating valence bond theory - Wikipedia

en.wikipedia.org
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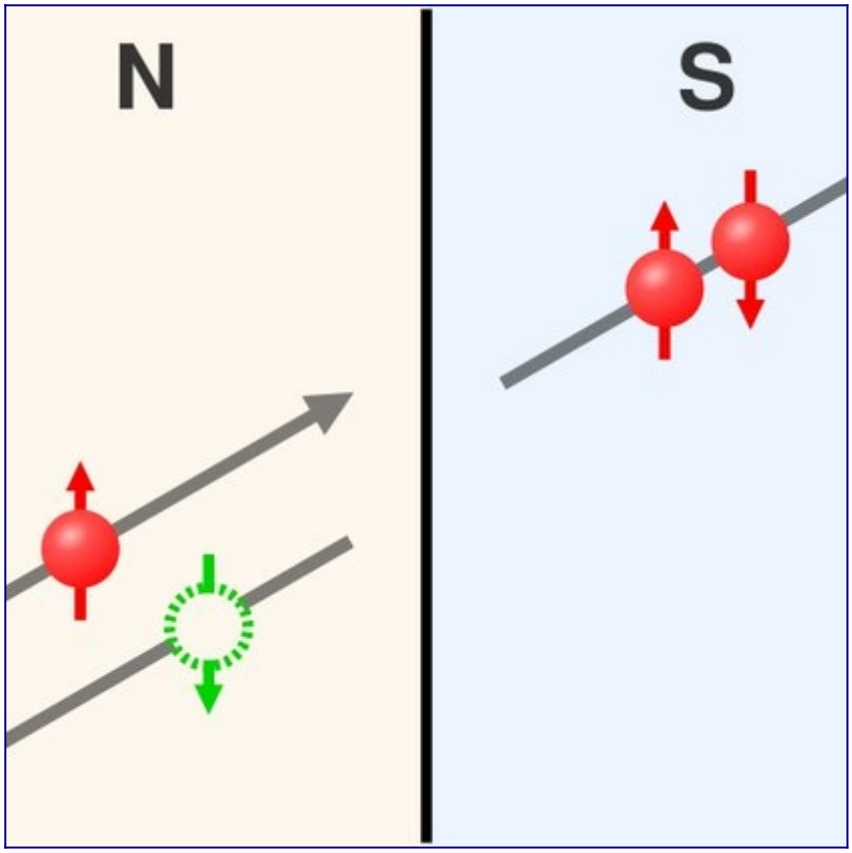
20 Nov 2025
Ion-Acoustic Wave Reflection at Sheath Edge is also called, Andreev Reflection, or Reflections that cause Electron Transport, via hole/vacancy creation. en.wikipedia.org/wiki/Andree…



Andreev reflection - Wikipedia

en.wikipedia.org
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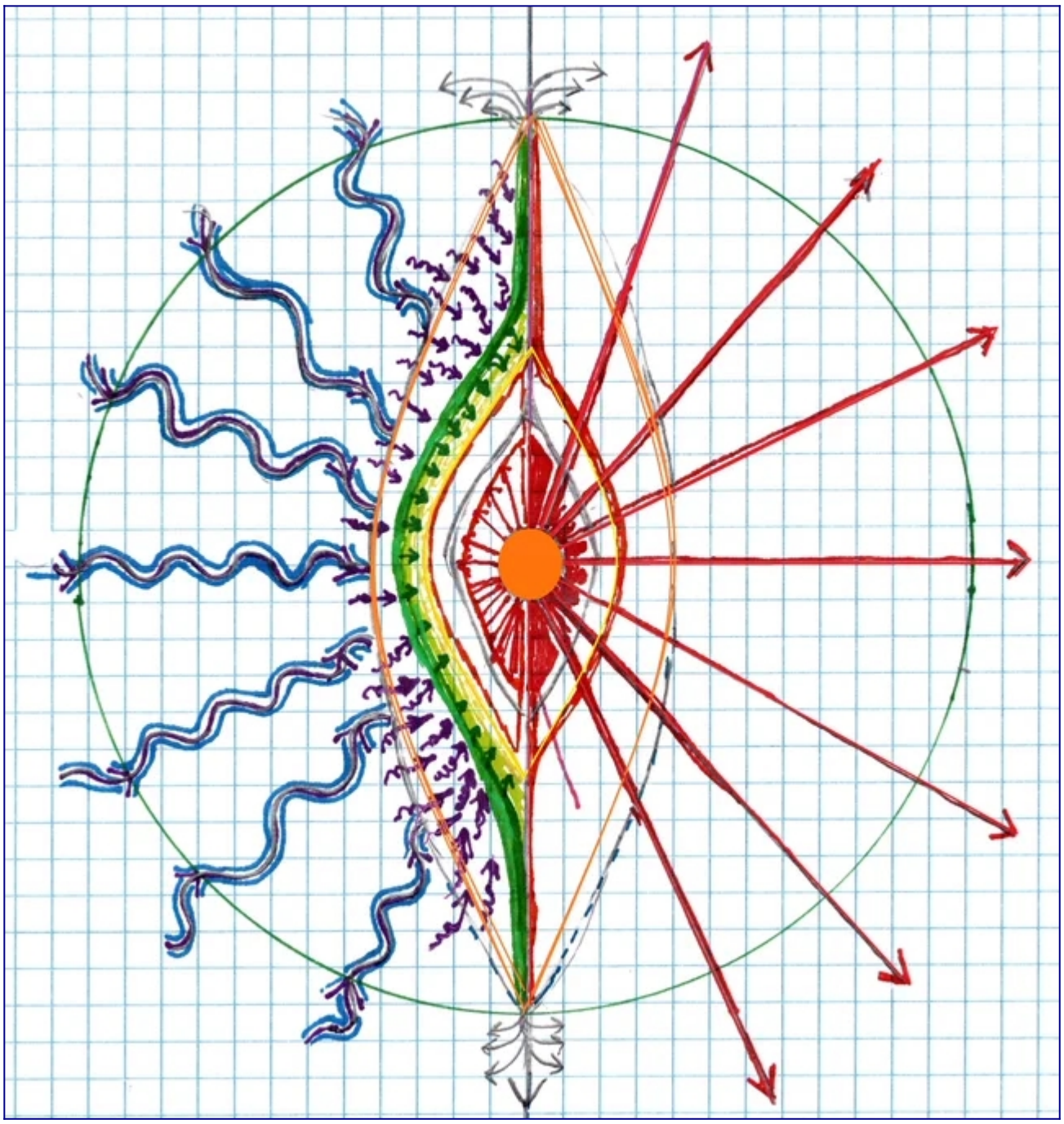
Feb 16

Replying to @kwameok30458845
You must increase the static Thermal/Kinetic Field with a local adiabatic plasma charge to make it "PUMPABLE". Making it pumpable is similar to Thermal IONIC heating of a incandescent Thoria wire in vacuum tubes. You must place your Wheelwork in 2 Continuums, to match velocity, to link the 2 continua, in a fashion similar to a transmission in a car, (ION & ELECTRON) points of the Mesoscopic Interface for the V_i and V_e waves to sync, then push the wheel. The Wheel Work of the Universal Cosmic Thermal Background, Is mildly in equilibrium but, continuous in-flow from the suns thermal current. Our Earths Magnetospheres' Surface effect pulls atmosphere downward, (actually Inward), we feel this free and lightly bonded electron field flow transit as Gravity. Keep in mind, a wave in a Field can be made of itself. A wave of water in a Sea. (note 2 Media interface) A vortex of air, leaving a wing. This Inward, to earth middle, flowing field, grows exponentially in electret tension, dielectric gradients of lightly bonded electron wave, riding around you body, dragging you along in it current, given Vector by it's gravitational dominant axis, the reference plane. The Thermal Fields next higher Tomography nNumber singular Density has Tow/Tide. Our Sun's currents dominates' earths local Tow/Tide of Cosmic Thermal background, which we should disregarded. in consideration of this speculation (T.T. Brown Basalt studies). In short, the Sun has a$$Grab of your local field. For more consideration. Electrifying the field to be pumped, could be done with a series of long parallel vertical Chain link fences, Insulated from each other, (dielectric). Fence should be suspended 4 feet or more above the ground. The outer fences, of the field are electrified with a smooth idling arc, in their own surface. and a secondary circuit ic placed between the 2 outer fences to slow wave, (SCATTERING), push of field, setting it out of thermal equilibrium. Should say anymore, other than, once the electron wave get to the center point of excess equilibrium, fractional waves are forced into the local thermal field. That hot spot down below.



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Slow Wave Scattering References. (Shout out to the Slow-Wave-Gravity Guys.) ELECTROMAGNETIC SLOW WAVE SYSTEMS. R.M.Bevensee (1964) SLOW WAVE PROPAGATION in PLASMA WAVEGUIDES. A.W. Trivelpiece (1967) A HANDBOOK of CONICAL ANTENNAS and SCATTERERS. Gorbon & Breach (1973) SCATTERING of THERMAL ENERGY ATOMS. Poelsema & Comsa (1989)

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Very High Mach-Number Electrostatic Shocks in Collisionless Plasmas. (2006)
ralspace.stfc.ac.uk/Pages/mi…
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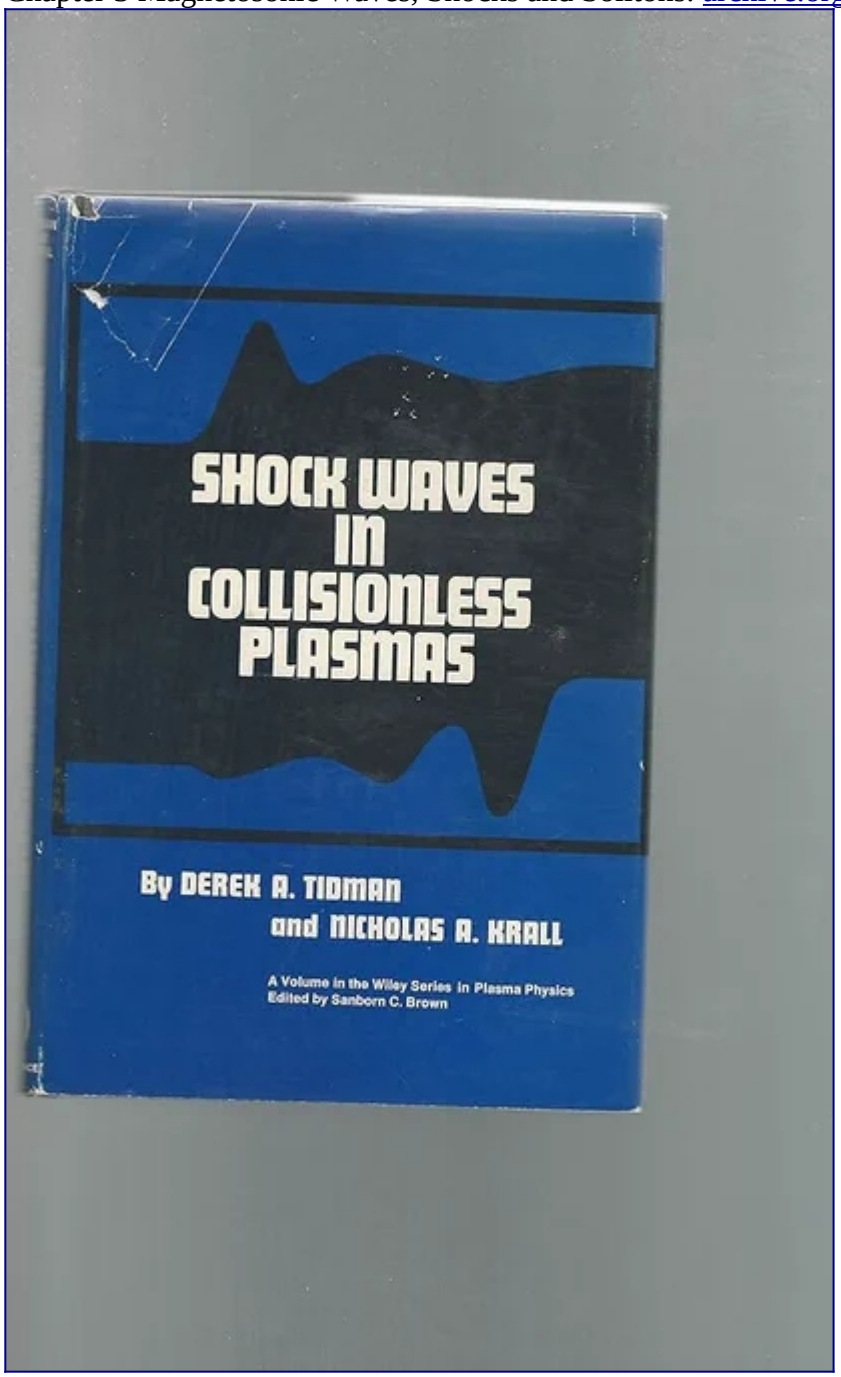
Chapter 3 Magnetosonic Waves, Shocks and Solitons. archive.org/details/shockwav…



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Replying to @UAPDr
The PsyOp in the Room is called, Puzzle Piece. NAZIS called it MOSAIC. Evidence, of half-truths, is laid in research path of intended Misinformation agent. The targeted information agent forms an Epiphany, which drive enthusiasm to promote the False Message. The information agent, will form a FRAMED OPINION and self promoted the socially engineered. This misinformation technique is called the 'Apparatchik method' by Communist. The Apparatchik self promotes as the Useful Idiot.

Should add that the initial stage, of isolation to install confidence in the misinformation agent, is called Delphi Techniques. Having the crowed shout back your preselected answers.
en.wikipedia.org/wiki/Delphi…

Delphi method - Wikipedia

en.wikipedia.org
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Idiocracy 2026. U.S. Air Force C-17's transport Micro Nuclear Reactors. No disclosure coming, Hyper-expensive FUEL based Nuclear and Fusion for the PLEBES. The energy in a lightning bolt is a Local non-linear Discharge of the adiabatic Field, that is always flowing and always available in locality. Electricity can be free. youtu.be/watch?v=lilIk9D2…

BREAKING: U.S. Air Force C-17's transport Micro Nuclear Reactors

Undersecretary of War for A&S Michael Duffey and Secretary of Energy Chris Wright provide remarks at March Air Reserve Base, California.Looking like a scene ...

youtube.com
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Feb 15
Replying to @Paulb83209791
Yes, EVERYTHING in the Universe is in MOTION, nothing is ever at rest.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
Tobie Venne
@Tobie27261294
Jan 30
....seriously?? Stop with this rocket bullshit. Im 90% they keep making these propellant rockets to cover up their gravitomagnetic propulsion technology... only reason to still be producing these outdated rockets. Propellant rockets still take hundreds or thousands of years to travel to another solar system. Gravitomagnetic Propulsion can allow for near Luminal & possibly superluminal space travel. Gravitomagnetic Propulsion is the way ... mark my words 😉 “The constants of motion in a Bose-Einstein Condensate tend toward the electromagnetic, when stimulated at a dimensional frequency of 1.094 megahertz-meters. " - Frank Znidarsic
en.wikipedia.org/wiki/Demons…

Demonstration Rocket for Agile Cislunar Operations - Wikipedia

en.wikipedia.org

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Feb 13
Replying to @ZShaman13
Keep in mind the locality of the vehicle is in a very rarified (Gas/Plasma) stochastic distribution that was initiated at Field Stand up by a combustion shockwave, that gets captured by the vehicles Buoyancy Field Ignition System. The Combustion shockwave carries a small quantity, of metal about like a large firecracker, to a Electrostatic subsonic Reflecting Barrier of Ions, that the sounding system determined the surrounding Mesoscopic Interface ENTRY pushes back at the High-Speed Electron's Shock front, but only for 2 to 10 microseconds, of window, to sync the peak Ion's wave moments and peak momenta of the Electron Entry pushback. Laminar flow Field is established in the shockwaves outward wake. The Outer electrostatic reflecting barrier burns away all the ION to form a DAM becoming it's Magnetospheric Containment of the outward pushing STANDING WAVE/WAKE VACUUM BUBBLE of Arc. That has a giant single Magnetic Dipole. The magnetic moment of the Stochastic engineered vehicle surface, balloons the Ion & Electron Gas/Plasma's magnetic moment vectors into it's own Soliton corpuscular vector structures. The Ions love the cooler Laminar Zone, they think they never move. The Electron vector outward from the Incandescently heated Thoria coated antenna, into its single dipole magnetosphere, of oscillatory Ions. that establish the lower hybrid/Alfven/gyro frequency. Run'ons are purposeful.

BUOYANCY SYSTEM PLASMA FIELD IGNITION SEQUENCE

STEP 1 - INITIAL PERMITIVITY ECHO SOUNDING of SURROUNDING MEDIA INTERFACE

This step utilizes RF Vector Analysis Methods (T_e) & ION Dispersal Vector & Velocity probability mapping for surrounding media density corrections. The results of Echo Sounding surrounding Adiabatic Media Density is n-Number Interfacial Density.

This step is required for Density Equilibrium correction of surrounding media to predict ION BOIL OFF RATE at the initial Shock Induced stand up (and capture of the Ions Fulcrum of the physical pressure, commanding equilibrium) of a fuel induced non-dissipating shockwave.

Sounding is a required method is finding surrounding medias rarified Density electrostatic long Debye reach Ion tensor to physically push against tiny self-reflections, to Kinetically couple a Ion Gas/Plasma Cloud to generate standing Wave/wake where the electrical field (+ION Seed Gas) suspends Wave Propagation, by will commanding the equilibrium between wave and wake. Sounding the Permittivity of the Surrounding Media senses the Media's Absorption/Dissipation rate(Permittivity) & gives full confidence in probability of O2 Collisional driving T_e Thermal Heating currents.

STEP 2 - BUOYANCY FIELD IGNITION & FIELD STABILITY COMMAND

This step starts with a n-Number Density corrected variable flavor ION SEED GAS + HYDROCARBON GAS that is precision metered into the Combustion-Modulation Chambers. The initial diaphragm Modulation runs at around 100Hz. Cold O2 (< -170°F / -112°C) is released in small amounts in the combustion-Modulation chamber and larger amounts of O2 + Heated cesium are released near the combustion-Modulation chambers exterior exit, in the curvilinear laminar end plane.

The Combustion-Modulation Chambers are geometrically opposed in the spacecraft fuselage. Incandescently antennas, mounted on pedestals in the center of the Combustion-Modulation chamber. A high Ghz Frequency High Voltage transmitter is special signal fed a Low Frequency Modulated ¼ wave Forward Sawtooth Pattern. (This is a convention Ion Trapping method). This Low Frequency Modulation of a High Voltage, High Frequency transmitter is a resonant mode Inductive Electron T_e heating conduit.

At ignition the 2 end Combustion-Modulation Diaphragms are pumping in and out, in phase, like a set of lungs. The modulation diaphragm can run from .1hz to 100Hz and can Pull against outward flow on combustion. No shock/discontinuance/non-linear flow occurs inside the chamber, only expansion. O2, SF6 can modulate the velocity of combustion, within the chamber to be only linear. The Modulation diaphragms are oscillated in and 180° out of Phase, when in operation to maintain Plasma stability by a stable heat-saturated electron rich plasma non propagating outer electron mirage mirror boundary.

The objective in achieving stability, in this step, is the non-dissipating field, where there is little expenditure of Gas/Plasma, once the bubble is stood up.

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Error in post are purposeful. If for no other reason than to Pi$$ 0ff the 1st level Critical thinkers, whom are smug Semanticist. FOD Plug the smuggy Semanticist.

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Feb 13

Replying to @nickpopemod @BrandonFugal
God Bless Nick Pope! Neither you or Brandon were in the Epstein Files!
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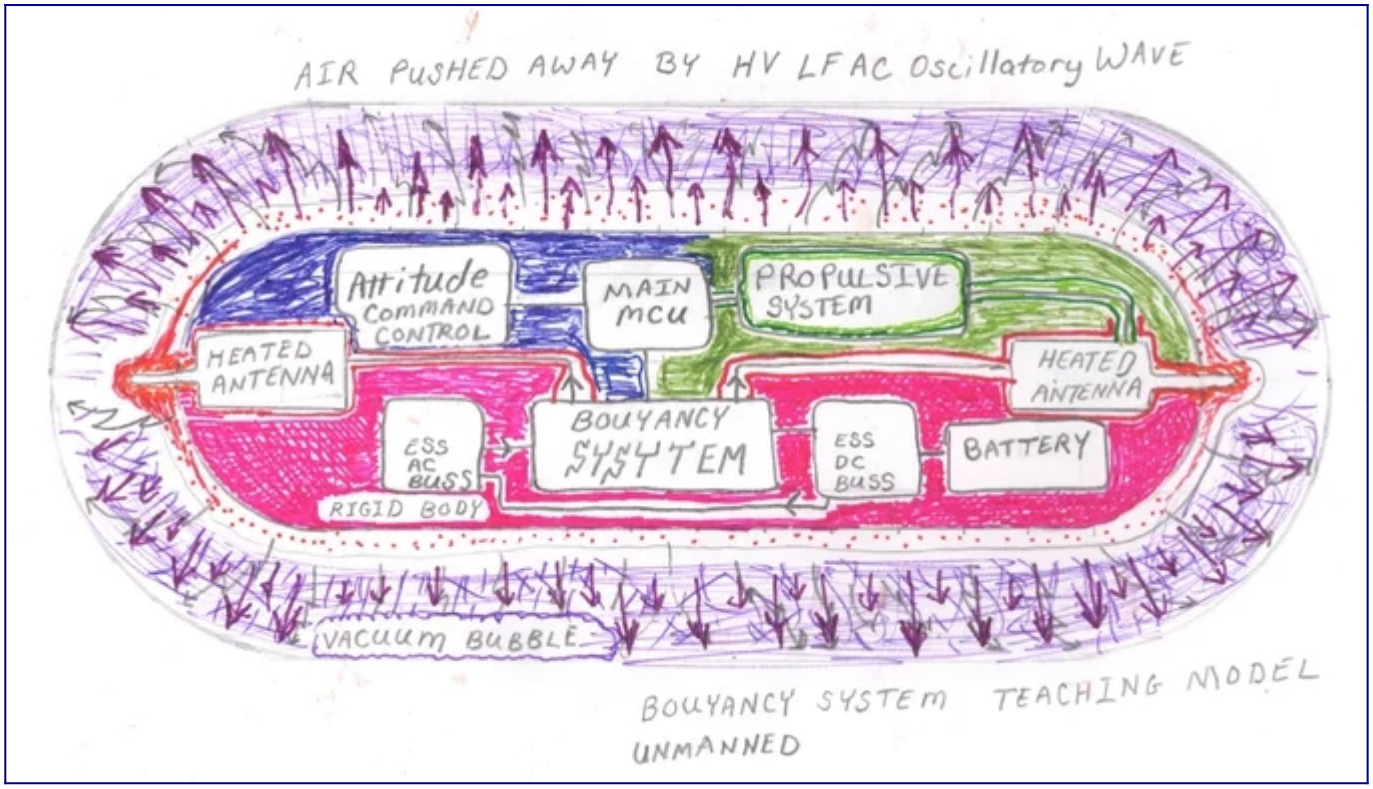
Feb 13

Replying to @ZShaman13

The Stochastically Engineered Surface, of the vehicle, assist in Floating the Laminar Electrical Oscillation off the Surface, preventing Eddy Current Skin Effect damping. Floating the Electrical Field, expanded across the surface, holds IONS in the Laminar Flow. The Laminar flow is more conductive than Silver due to the Plasma Fields' Fully Conductive Charge Carriers.



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Replying to @H2Colby

God Bless TOBE Energy !

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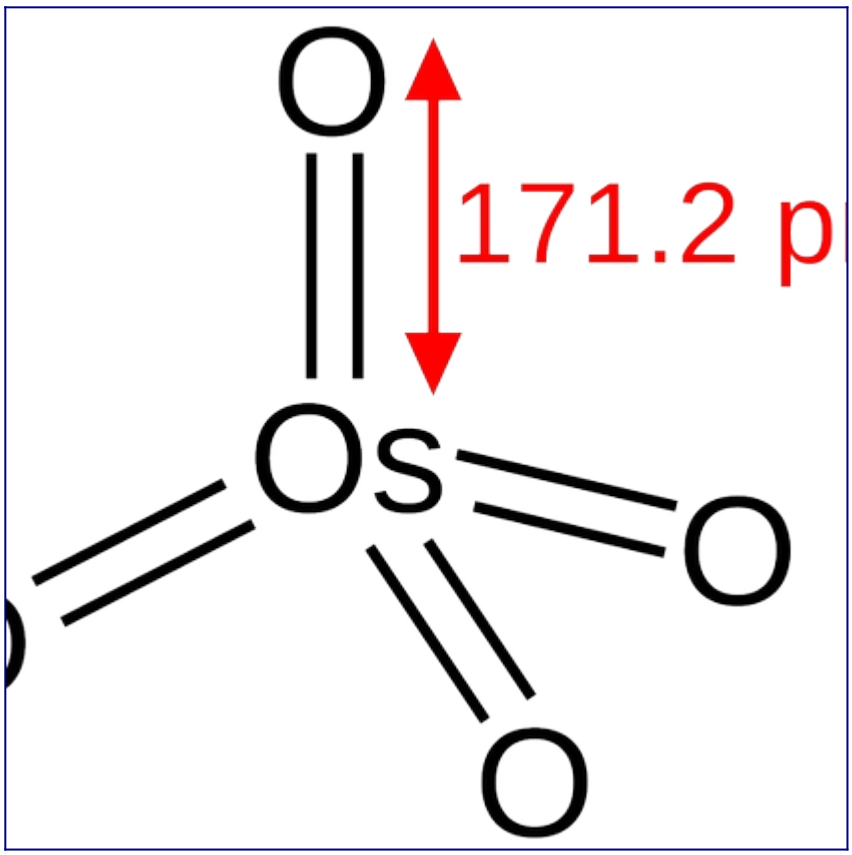
DOE/DOD and antigravity vehicle Fuselages are coated in Thermal Plasma Spray Coating. Alternating layers of Osmium and Cooper are the first few mills thick in the Stochastically Engineered Glass-like Electret coating. Osmium has the greatest δ, due to having the highest Electron Density. en.wikipedia.org/wiki/Osmium…



Osmium tetroxide - Wikipedia

en.wikipedia.org
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Truncated Word Study list for Antigravity Studies. Absorption cross-section function Activity function Adiabatic invariant Adjoint flux Adjoint theorem Adsorption Adsorption isotherm Airlock Airy functions Alfvén waves Alfvén's theorem Alpha decay Ambipolar diffusion Anderson localization conjecture Antiferromagnetism Avalanche breakdown Azeotropic mixture BCS theory Ballistic transport Band gap Band inversion Band structure Berry connection Berry curvature Berry phase Bifurcation point Binodal curve Birkhoff's theorem Black hole uniqueness theorems Bloch wave function Bloch's theorem Bogomol'nyi bound Bohm diffusion Bohm-Gross dispersion Bohmian trajectory conjecture Boltzmann distribution Boltzmann H-theorem Boltzmann transport equation Bordism groups Branch point Brillouin zone Buckling theorem Bulk-boundary correspondence Bulk-edge correspondence Burnable poison Burnup distribution Carbon nanotube Carrier heating Caustic curve Cheeger's theorem Chemical potential function Chern number Clausius-Clapeyron equation Clemmow-Mullaly-Allis diagram Coexistence curve Colligative properties Compact-open topology Configuration space Conic singularity Constitutive relations Continuous transition Control rod worth Cooper pair Correlation function Coulomb blockade Cowling anti-dynamo theorem Critical point Critical solution temperature Criticality calculation Cross-section homogenization Crystal lattice Cryopump Cyclotron frequency Dalton's law Debye length Debye shielding Delayed neutron fraction Density functional theory Density of states Density of states function Desorption Desorption kinetics Detailed balance theorem Diamagnetism Dielectric function Diffusion approximation Dirac cone Dirac fermion Dirac sea Dirac sea

conjecture Discontinuous transition Domain wall Doppler broadening Double-well potential Drift waves Dusty plasma Edge state Effective mass Ehrenfest classification theorem Ehrenfest theorem Einstein field equations Electron cyclotron resonance Electron distribution function Electron energy distribution function Electron tunneling Electron-phonon coupling Electron-phonon interaction Electropolishing Electropolishing efficiency Energy band Energy relaxation function Energy relaxation time Enthalpy function Entropy function Equation of state function Eutectic point Exciton Extreme high vacuum False vacuum False vacuum decay conjecture Fermi level Fermi surface Fermi-Dirac distribution Ferromagnetism Fick's laws of diffusion Field emission Finite element method First-order transition Fission rate density Flux surface Forbidden region Fowler-Nordheim equation Fractional quantum Hall effect Free molecular flow Free space Fugacity function Fundamental group Fusion power Gate valve Gauss linking number theorem Geodesic curvature Gibbs free energy function Gibbs phase rule Gibbs-Duhem equation Goldreich-Sridhar theory Goldstone theorem Grain boundaries Grain plasma Green's function Griffiths conjecture Guiding-center theory Gunn effect Haldane conjecture Hall effect Heisenberg model Helical symmetry Helium mass spectrometer Hellmann-Feynman theorem Helmholtz free energy function Homogeneous reactor conjecture Homology groups Homotopy groups Hopf invariant Hot carrier transport Hot electron Hot electron transistor Hubbard model Hydrodynamic model Impact ionization Importance function Impurity scattering Indium seals Inelastic tunneling spectroscopy Infinite medium conjecture Instanton Instanton conjecture Instanton method Intervalley scattering Intravalley scattering Invariant system Ion cyclotron resonance Ion energy distribution function Ion gauge Iroshnikov-Kraichnan theory Ising model Isoenergy surface Josephson effect Josephson junction Knudsen flow Knudsen number evaluation Kohn-Sham theorem Kondo effect conjecture Konovalov's first theorem Konovalov's second theorem Kramers' theorem Kubo formula Lambda transition Landau damping Langmuir waves Lever rule Levinson's theorem Limit cycle Linking number Liouville's theorem Lucky electron model Luttinger liquid conjecture Luttinger's theorem MOSFET Magnetic helicity Magnetic pumping Magnetic topology Magnetoresistance Magnon Manifold Margules equation Maxwell-Boltzmann distribution Mean free path Mean free path calculation Metal-to-metal seal Metastable phase Miscibility gap Molecular beam Momentum relaxation function Momentum relaxation time Monopole Monotectic transition Multi-group method NRTL model Negative differential resistance Nernst heat theorem Neutron density function Neutron flux distribution Neutron transport Neutron transport theorem No-hair conjecture Nozières-Pines theorem Nuclear transport Ohmic dissipation Onsager reciprocity relations Optical theorem Order parameter Ostwald's dilution law Outgassing Outgassing rate Parabolic barrier Paramagnetism Partial vacuum Passivation Passivation layer formation Path integral formalism Peierls theorem Penning pump Peritectic reaction Permeability constant Permittivity constant Petrogenetic grid Phase assemblage Phase boundary Phase diagram Phase equilibrium Phase rule Phase space Phase space trajectory Phase transition Phonon dispersion Phonon scattering Phonon scattering kernel Piezoelectricity Pirani gauge Point kinetics Polariton Polarization drift Positive pressure Potential barrier Quadruple curve Quadruple point Quantum dot Quantum Hall effect Quantum tunneling Quantum vacuum Quantum well Quantum wire Quasi-ballistic transport Quasi-ballistic transport conjecture Quasi-neutrality Quasi-static approximation conjecture Raoult's law Reactivity insertion function Reciprocal lattice Reciprocity theorem Rectangular barrier Residual gas analyzer Resonance integral Resonant tunneling diode Response function Ricci tensor Rosenbluth potentials Saha equation Samarium poisoning Scattering kernel Scattering matrix Schottky conjecture Schreinemakers bundle Schreinemakers' theorem Second-order transition Self-energy function Semiconductor Simulation conjecture Single-electron tunneling Solid-liquid

equilibrium Solid-state physics Solid-vapor equilibrium Sorption function Sorption pump Space-time curvature Space-time kinetics Spin Hall effect Spin wave Spin-dependent tunneling Spinodal decomposition Stable phase Stress-energy tensor Strong cosmic censorship conjecture Subcritical region Supercritical phase Superconductivity Surface reconstruction Sweet-Parker reconnection Taylor conjecture Tearing instability Theta vacuum Theta vacuum conjecture Tie line Tie-line interpolation function Tight-binding model Titanium sublimation pump Topological charge Topological defect Topological insulator Topological invariant Topological phase Topological soliton Topological superconductor Toroidal geometry Torricellian vacuum Tracer gas Transfer matrix Transmission coefficient Triangular barrier Triple line Triple point Tunneling magnetoresistance Tunneling probability function Tunneling splitting Tunneling time conjecture Turbomolecular pump Two-stream instability UNIQUAC model Ultra-high vacuum Uncertainty principle Unstable phase Vacuum brazing Vacuum deposition Vacuum energy Vacuum engineering Vacuum flange Vacuum fluctuations Vacuum permeability Vacuum permittivity Vacuum pump Valence band Valley degeneracy Van der Waals equation Vapor pressure Vapor pressure function Variational theorem Velocity overshoot Virtual leaks Vlasov distribution Vlasov equation Void coefficient Vortex line Wannier function Warping parameter Wave function Wave normal surfaces Weyl fermion Weyl semimetal Widom scaling conjecture Wilson equation Winding number Xenon poisoning de Broglie wavelength p-n junction

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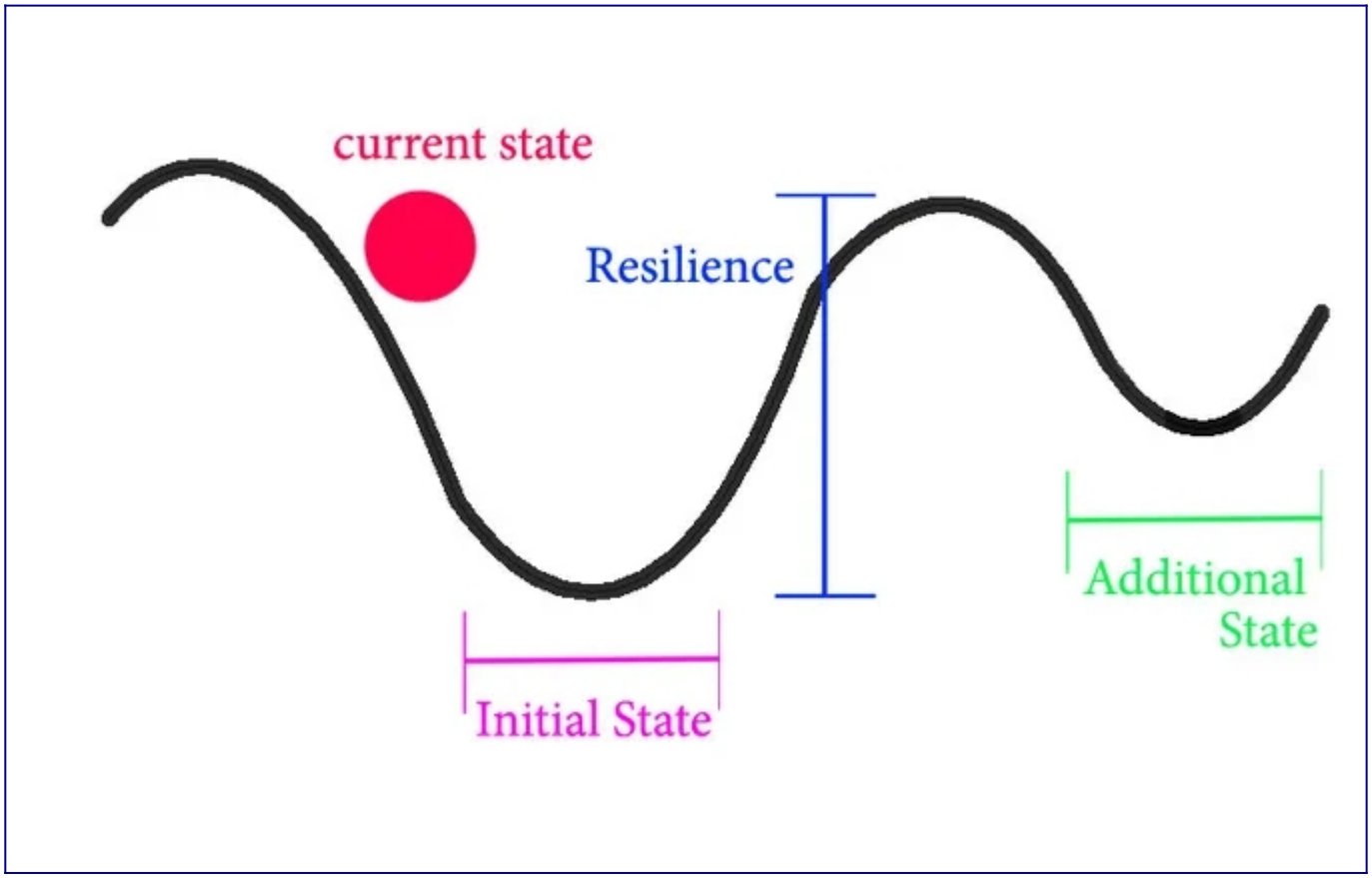
Stability in Fields and Systems. courses.ems.psu.edu/geog30/b…



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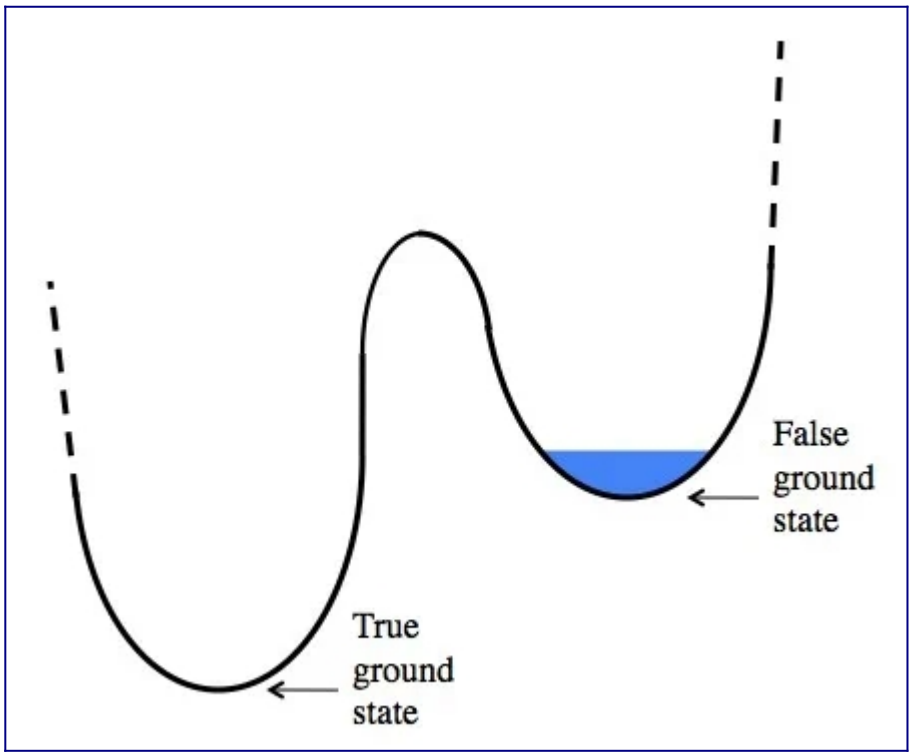
False vacuum. en.wikipedia.org/wiki/False_…



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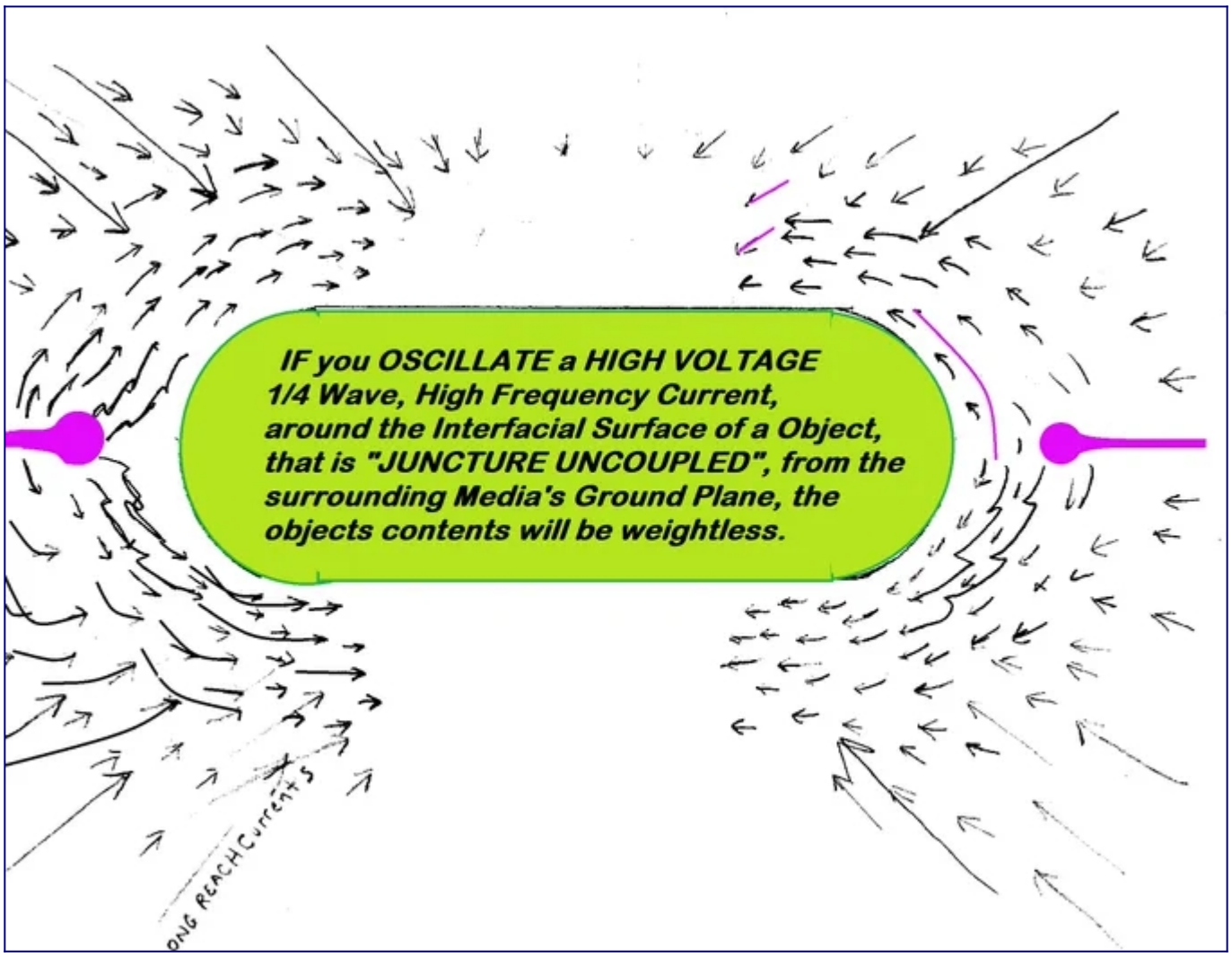
Richardson number- Ratio of Buoyancy to Shear Flow. Conceptual relation needed to understand Field Propulsive Spacecraft that utilize a Electrically generated standing wave/wake Vacuum to pull a spacecraft in transport. Differing from caveman Rocket reaction engines that push the vehicle with violent force. en.wikipedia.org/wiki/Richar…



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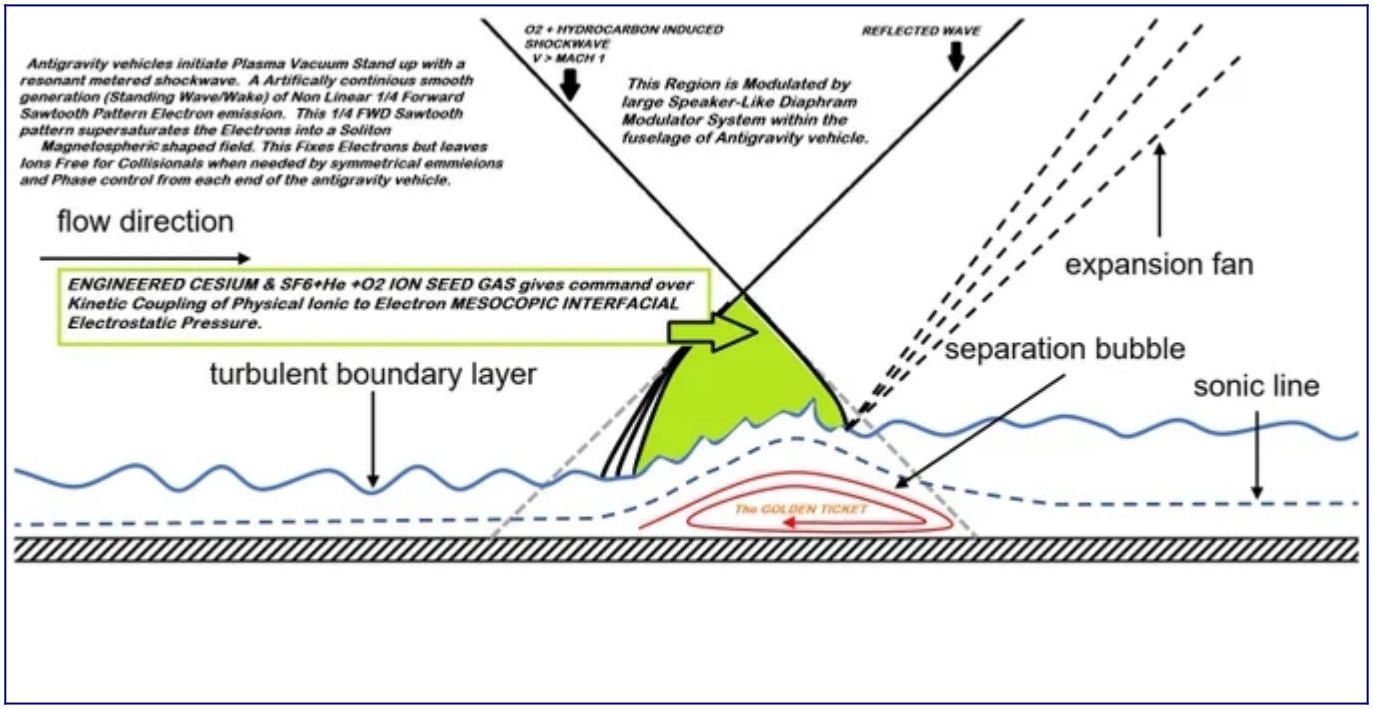
Kelvin–Helmholtz instability. en.wikipedia.org/wiki/Kelvin…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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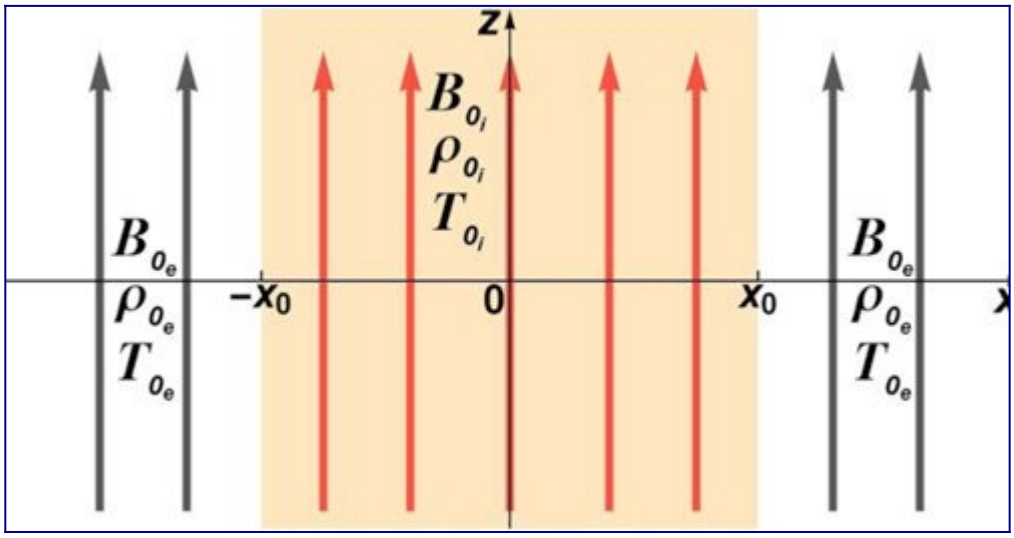
Feb 10
Dynamics of fast and slow Magnetoacoustic Waves in Plasma Slabs with Thermal misbalance .
academic.oup.com/mnras/artic…



Dynamics of fast and slow magnetoacoustic waves in plasma slabs with thermal misbalance

ABSTRACT. The non-uniformity of the solar atmosphere along with the presence of non-adiabatic processes such as radiation cooling and unspecified heating c

academic.oup.com

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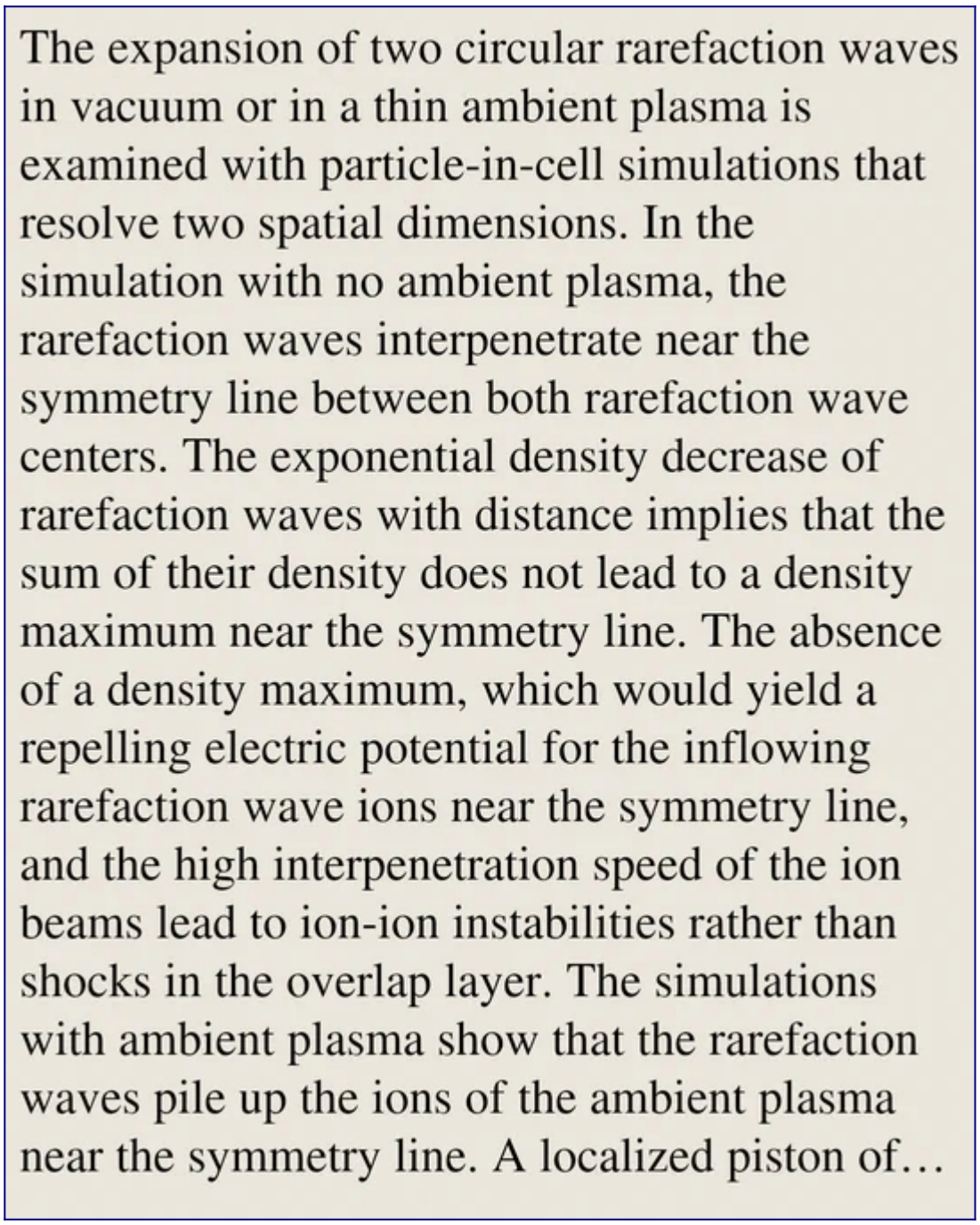
Plasma Physics Papers@VPHM
Feb 9
Collision of two radial rarefaction waves in unmagnetized ambient plasma: effects of the ambient plasma density Margaux François, Mark E. Dieckmann, Lorenzo Romagnani, Xavier Ribeyre, Emmanuel d'Humières arxiv.org/abs/2602.06803 [physics.plasm-ph]



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Feb 7

The Mesoscopic Interface is a Dimensional Space between the Macroscopic Ion Scale of Continua and the Microscopic Electron Scale of Continua. There are no Particle in the Mesoscopic Interface, only Waves in the Media of the Interface. Academia incorrectly teaches Magnetic Reconnect. Incorrect models of "Higgs" Chromodynamics have been used for Academic Suppression, by confusing what a real Particle is. You can touch Real Particles. You cannot touch Fake Tachyons or Fake Graviton. A KAON is a Physically Ion to Electron Coupled Wave. en.wikipedia.org/wiki/Kaon

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Feb 6
Compressible Flow. thermopedia.com/content/646/…
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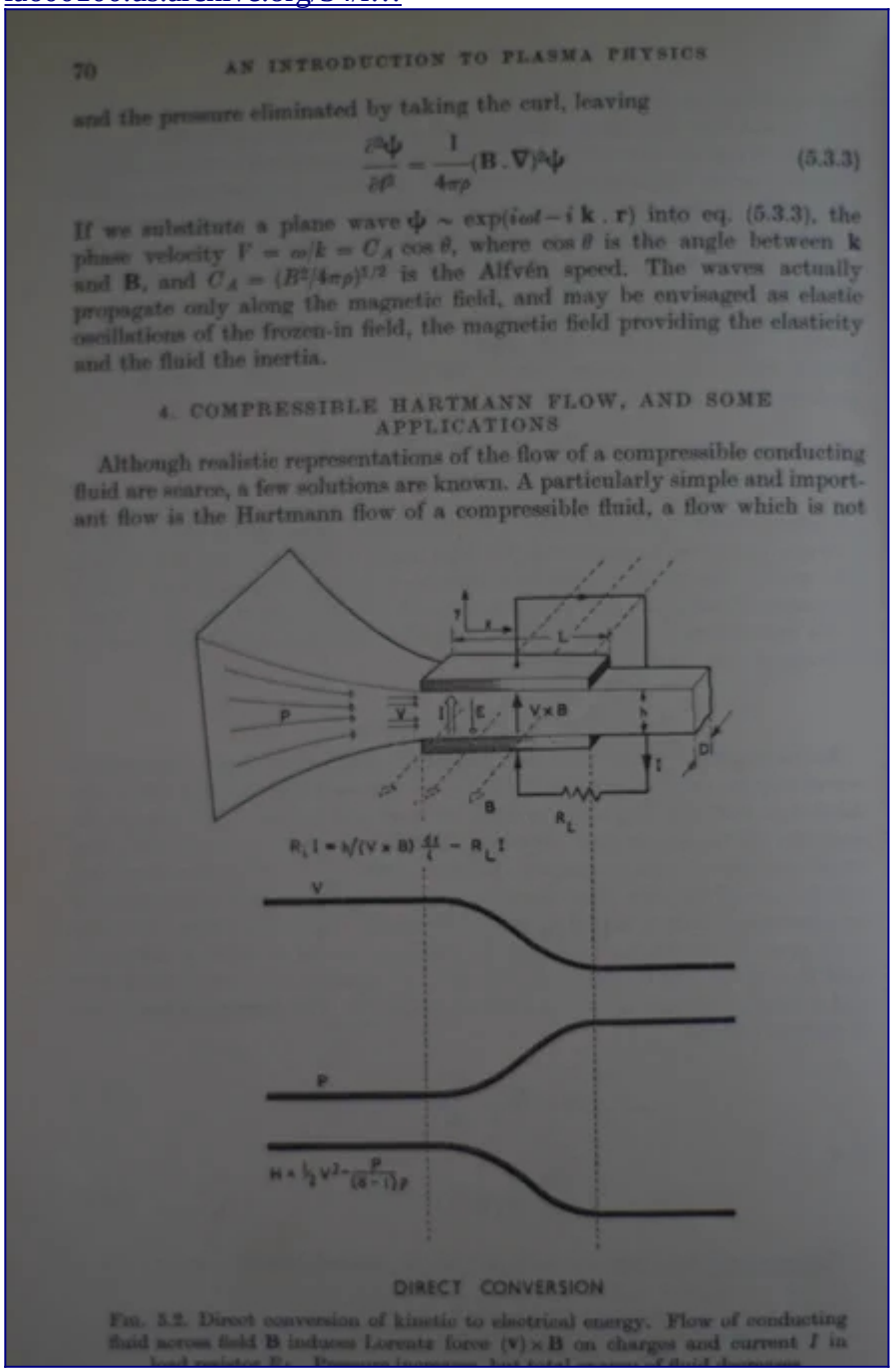
Feb 6
Compressible Hartmann Flow's Direct Conversion of Plasma to Electricity. Look for page 70 in PDF, (should be PDF page 76) Conveniently left out. Why? What is Difference between Hidden and Suppression. You can buy this textbook, it is not hidden, it is called suppression of Critical Information. There is no hidden Physics. An Introduction to Plasma Physics W.B. Thompson (1962) ia600100.us.archive.org/34/i…



70 AN INTRODUCTION TO PLASMA PHYSICS

and the pressure eliminated by taking the curl, leaving

$$\frac{\partial^2 \psi}{\partial t^2} = \frac{1}{4\pi\rho}(\mathbf{B}\cdot\nabla)^2\psi \qquad (5.3.3)$$

If we substitute a plane wave $\psi \sim \exp(i\omega t - i\,\mathbf{k}\cdot\mathbf{r})$ into eq. (5.3.3), the phase velocity $V = \omega/k = C_A \cos\theta$, where $\cos\theta$ is the angle between $\mathbf{k}$ and $\mathbf{B}$, and $C_A = (B^2/4\pi\rho)^{1/2}$ is the Alfvén speed. The waves actually propagate only along the magnetic field, and may be envisaged as elastic oscillations of the frozen-in field, the magnetic field providing the elasticity and the fluid the inertia.

4. COMPRESSIBLE HARTMANN FLOW, AND SOME APPLICATIONS

Although realistic representations of the flow of a compressible conducting fluid are scarce, a few solutions are known. A particularly simple and important flow is the Hartmann flow of a compressible fluid, a flow which is not

DIRECT CONVERSION

FIG. 5.2. Direct conversion of kinetic to electrical energy. Flow of conducting fluid across field B induces Lorentz force $(\mathbf{v})\times\mathbf{B}$ on charges and current I in

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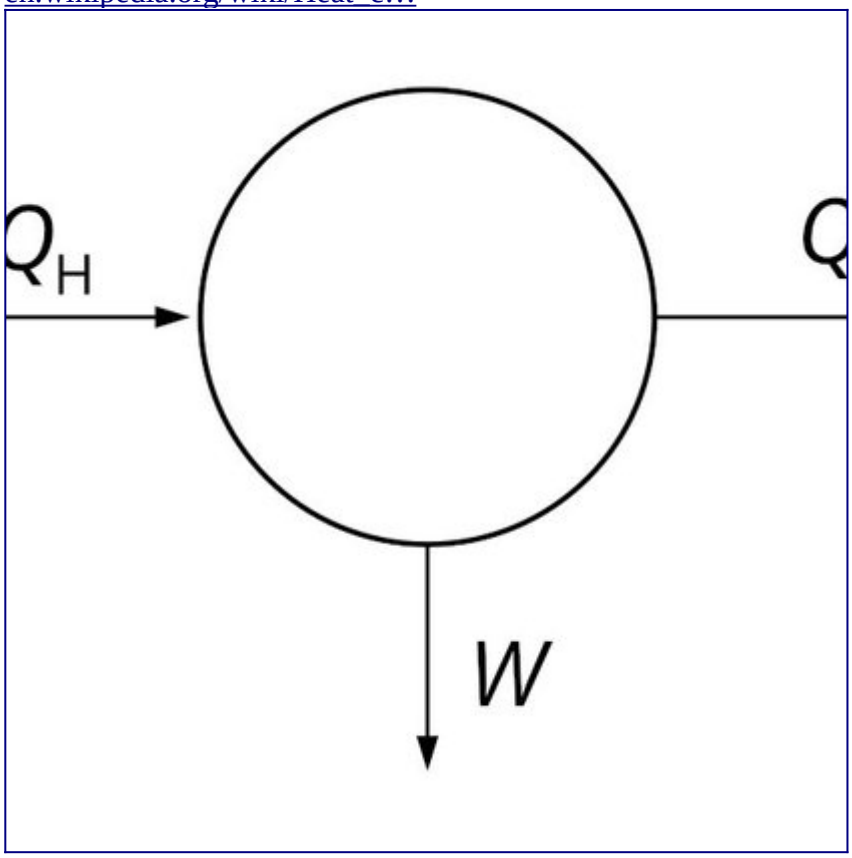
The Adiabatic Index, also called Heat Capacity, uses γ for Gas Stiffness.
en.wikipedia.org/wiki/Heat_c…



Heat capacity ratio - Wikipedia

en.wikipedia.org

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Feb 5
Replying to @curiouswavefn
Don't fall for the Academically Engineered Dead End. Go Lattice Boltzmann Multiphysics CFD. 3 Scales and 2 boundary expanding layers. Focus on MESOSCOPIC Wave FUNCTIONS. The Physics of Physical Pressure transport. For real Antigravity Technology, teach yourself, write your own personal textbook. Model Gravitation Field Around a Point (Spacecraft). Belief in "AREA GRAVITATION FUNCTION" (Square gravity functions), is placed in Academic Path , by ABET, to run you into a brick wall of Fake Spacetime, aSS Warp, Black Hoe fistdrive Nonsense. You must educate yourself, turn away from ABET managed information pool.
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The concept of Reverse Engineering is the PsyOp. And insulting to Engineers.
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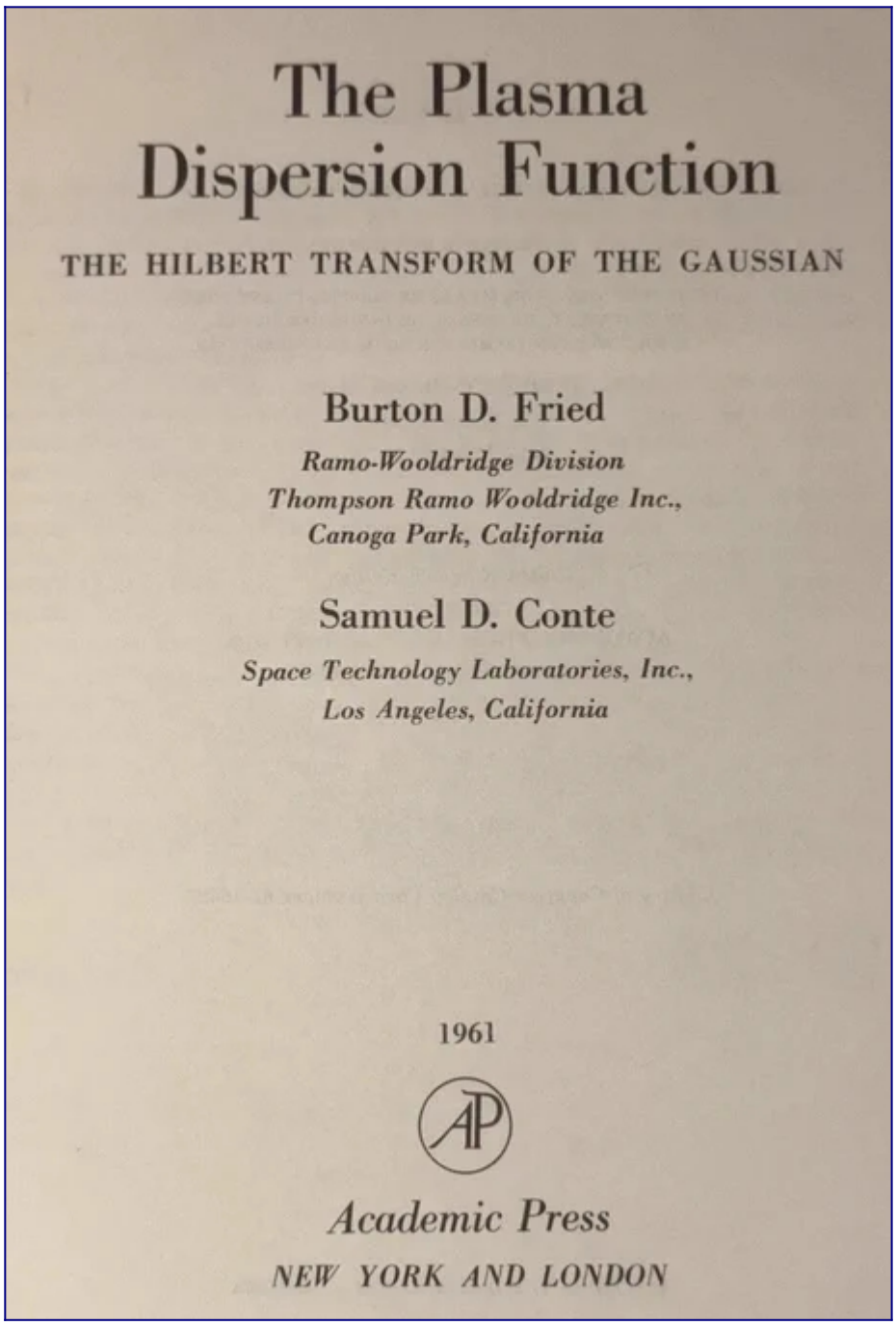
Replying to @codek_tv



The Plasma Dispersion Function

THE HILBERT TRANSFORM OF THE GAUSSIAN

Burton D. Fried

Ramo-Wooldridge Division
Thompson Ramo Wooldridge Inc.,
Canoga Park, California

Samuel D. Conte

Space Technology Laboratories, Inc.,
Los Angeles, California

1961

Academic Press

NEW YORK AND LONDON

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Feb 5
Replying to @RBehiel @JABDE6 @ThePhysicsMemes
Thank you Richard, Your videos are High Quality productions.

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Feb 4
Replying to @ChiefDinger
Gravity's Superbowl is coming up, March 31 deadline. gravityresearchfoundation.or…

Gravity Research Foundation

Competition: the trustees of the Gravity Research Foundation are offering five awards for short essays for stimulating thought and encouraging work on the phenomenon of gravitation.

gravityresearchfoundation.org
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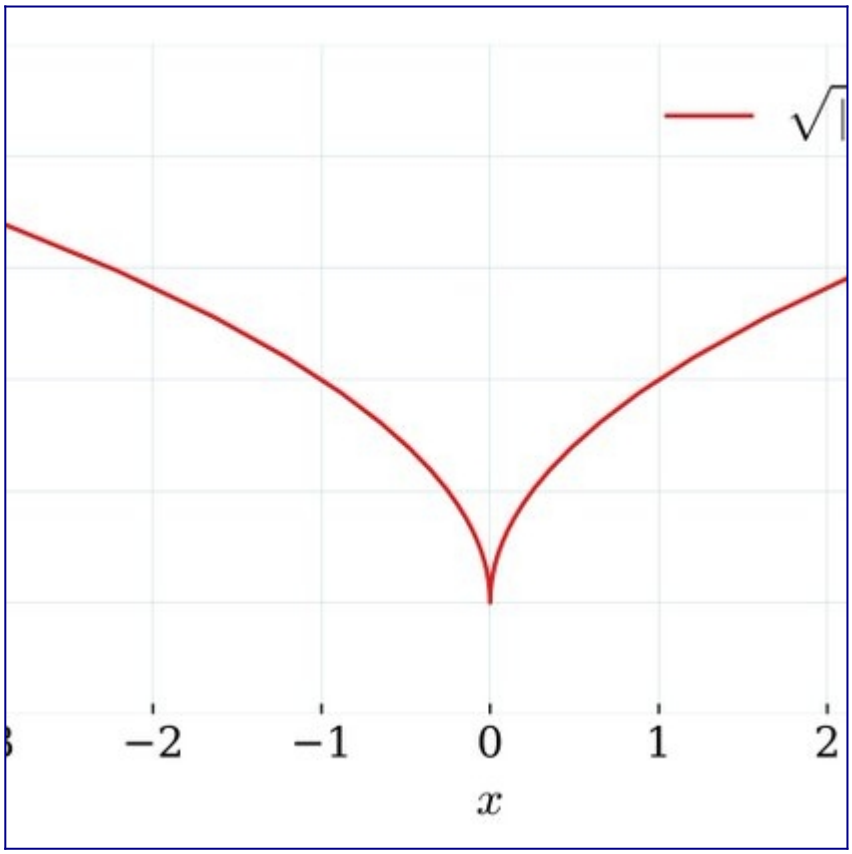
Feb 4
CUSPED GEOMETRY a REVERSE FIELD CONFIGURATION Element.
en.wikipedia.org/wiki/Cusp_(…



Cusp (singularity) - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
Plasma Physics Papers@VPHM
Feb 3
Linear Magnetohydrodynamic Waves in a Magneto-Lattice: A Unified Theoretical Framework and Numerical Validation Shiyu Sun, Peifeng Fan, Yulei Wang, Qiang Chen, Xingkai Li, Weihua Wang
arxiv.org/abs/2602.00649 [physics.plasm-ph]

We present a systematic theoretical and numerical investigation of the propagation properties of linear magnetohydrodynamic (MHD) waves in a spatially periodic magnetic field, referred to as a magneto-lattice. Two types of central equations, expressed in terms of (ρ,\boldsymbolB,\boldsymbolv) (where ρ is perturbed mass density, \boldsymbolB is perturbed magnetic field, and \boldsymbolv is perturbed velocity) and the perturbation displacement \boldsymbolξ, are established using the plane wave expansion (PWE) method. The validity of both equations is demonstrated through two numerical examples. This framework enables the identification of intrinsic frequency bandgaps and cutoff phenomena within the system. Our numerical results show that the bandgap width increases with the magnetic modulation ratio B_m, leading to the suppression of specific MHD wave modes.…

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Feb 2
Replying to @Tobie27261294 @EricRWeinstein
Focus on 'Model Field around a Point'.
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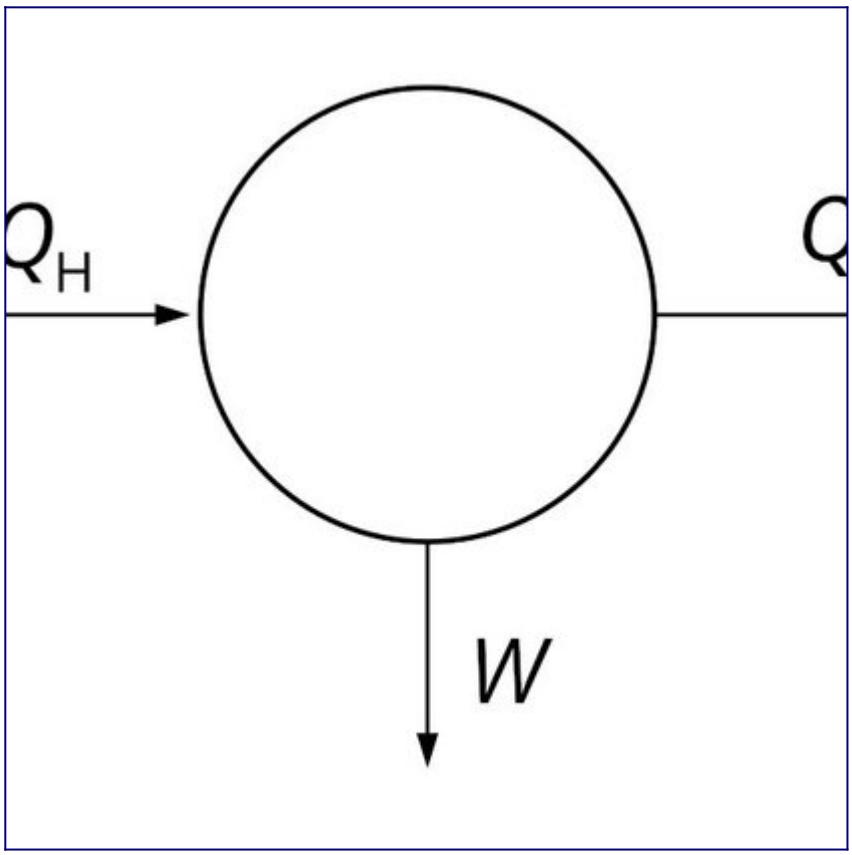
Feb 2
More Tranny stuff. en.wikipedia.org/wiki/Transc…



Transcritical cycle - Wikipedia

en.wikipedia.org

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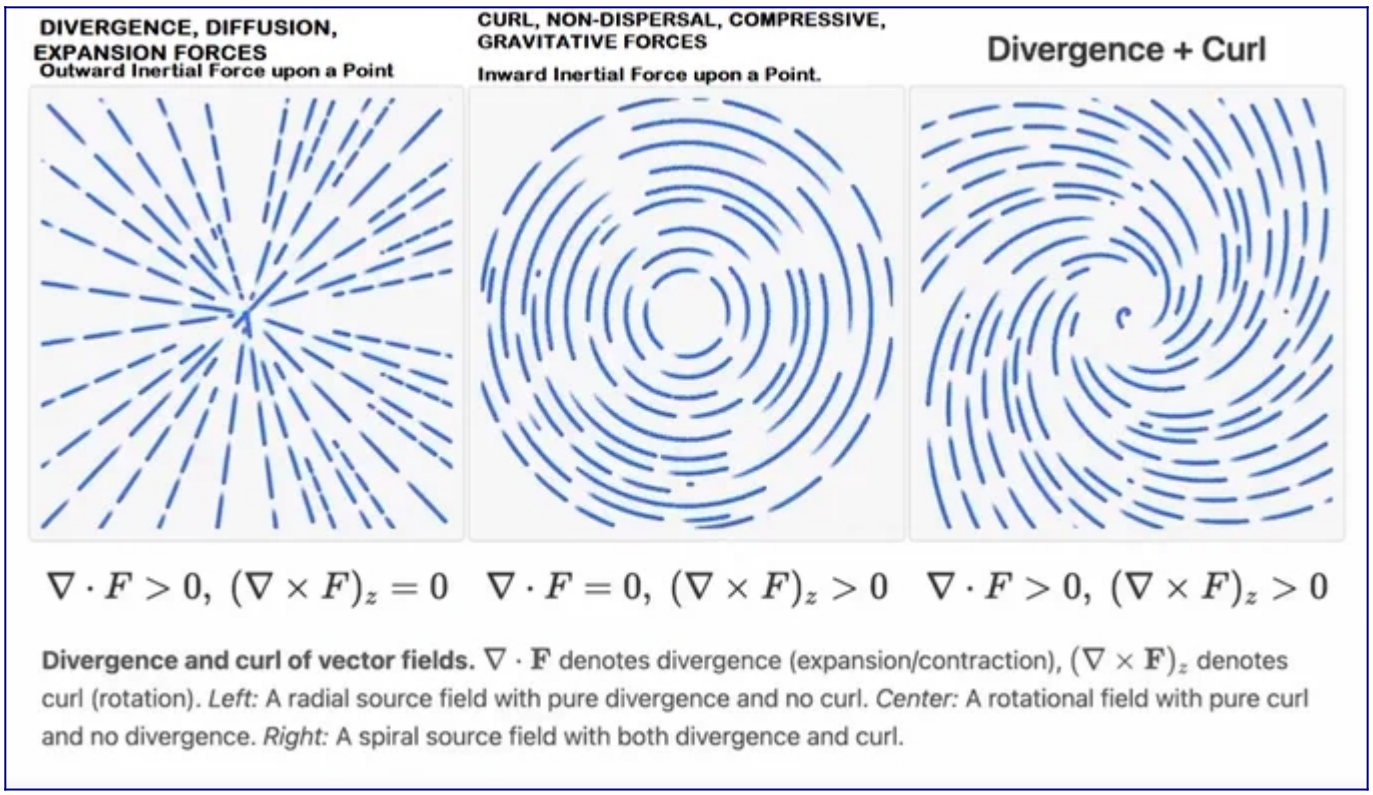
Feb 2

Replying to @AshtonForbes

The Maxwell-Boltzmann-Coulomb-Debye screening length (Physical Electro-Kinetic Coupling) is of more critical importance, than magnetic field following.



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Feb 1

All Fractional Matter is Luminous, the greater the Un-Equilibrium in the Submicron Nuclear scale, in LOCALITY, the brighter the Luminosity. Eddys of Electrons spill Photonic lumination as Eddy approaches M>1. At Mach>1 conducting Coupling becomes Non-Linear in propagation. Skipping across the M<1 waves, peak momenta, like a stone skipping on water. The Eddy's of Electrons are Ghost, no real-world Mass. Only quantitative resultant effective Mass. Fractional Matter is in the Submicron Nuclear Scale, smaller dimensionally than the Electron's Lattice of Continua. It's Wave Motion is lightly coupled into the Universal Cosmic Background. It is the wavy Black Body Thermal Flow found in Nature. en.wikipedia.org/wiki/Fracti…

Fractionalization - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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Jan 29

Replying to @Tobie27261294 @jan_forney @UAPGERB
1.094 MHZ pushes Pressure into the Mesoscopic Interface via 1st Hydrogen Ion Tensor. (1st Alpha)
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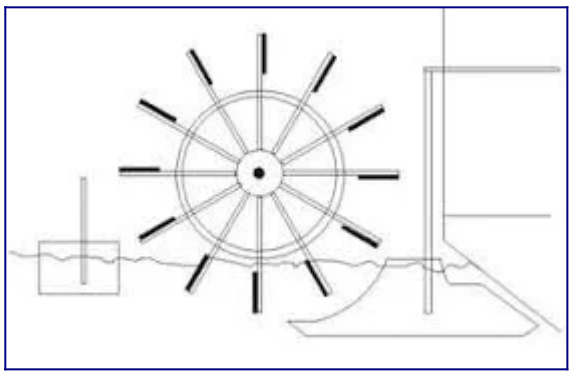
Jan 28

Your Wheel must be in the Curl at 2 points of edge entry to catch the wheel work of the Universal Cosmic Thermal Background.(Latent Black Body Heat)



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Orange is Divergence, Diffuse Magnetic Field. Not very Conductive due to Diffuse Magnetic Field. Blue is Curl, Vectored Magnetic Field. Very Conductive.

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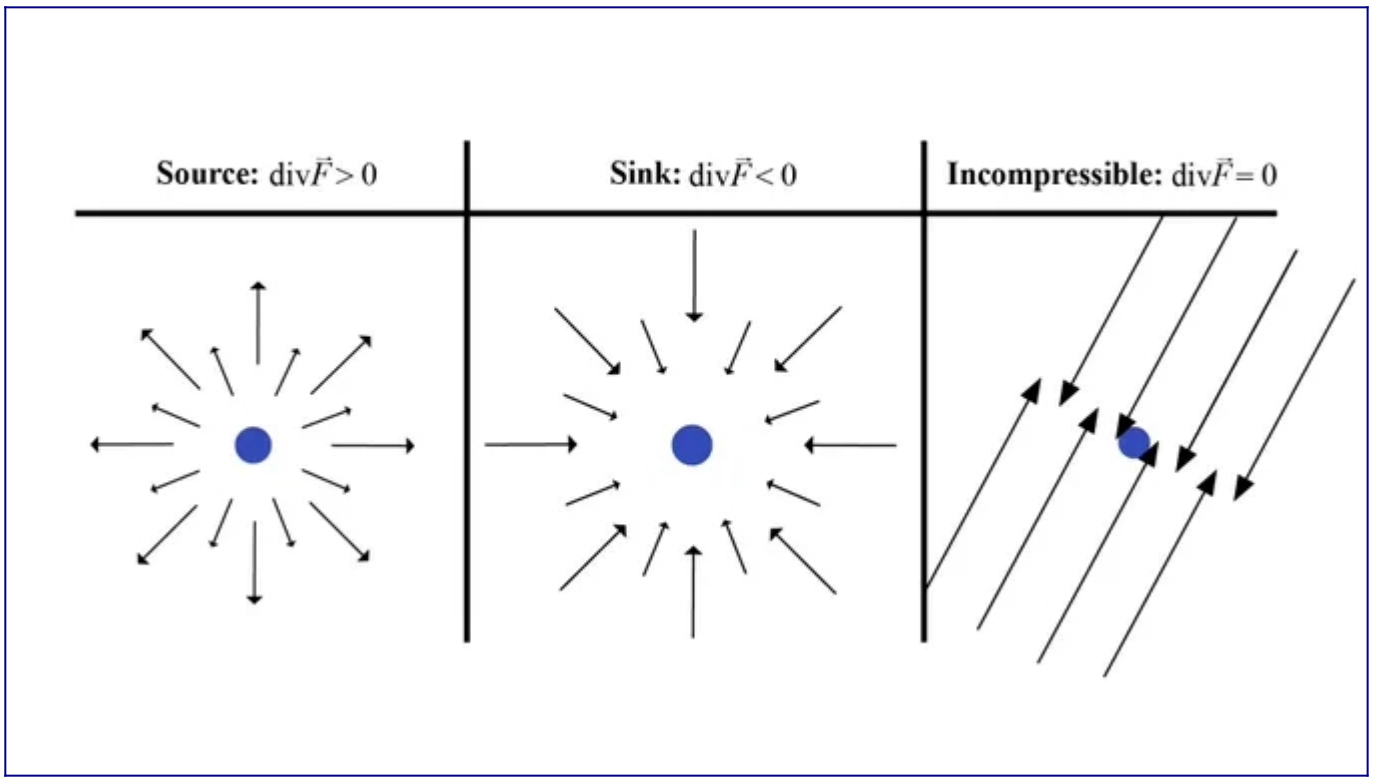

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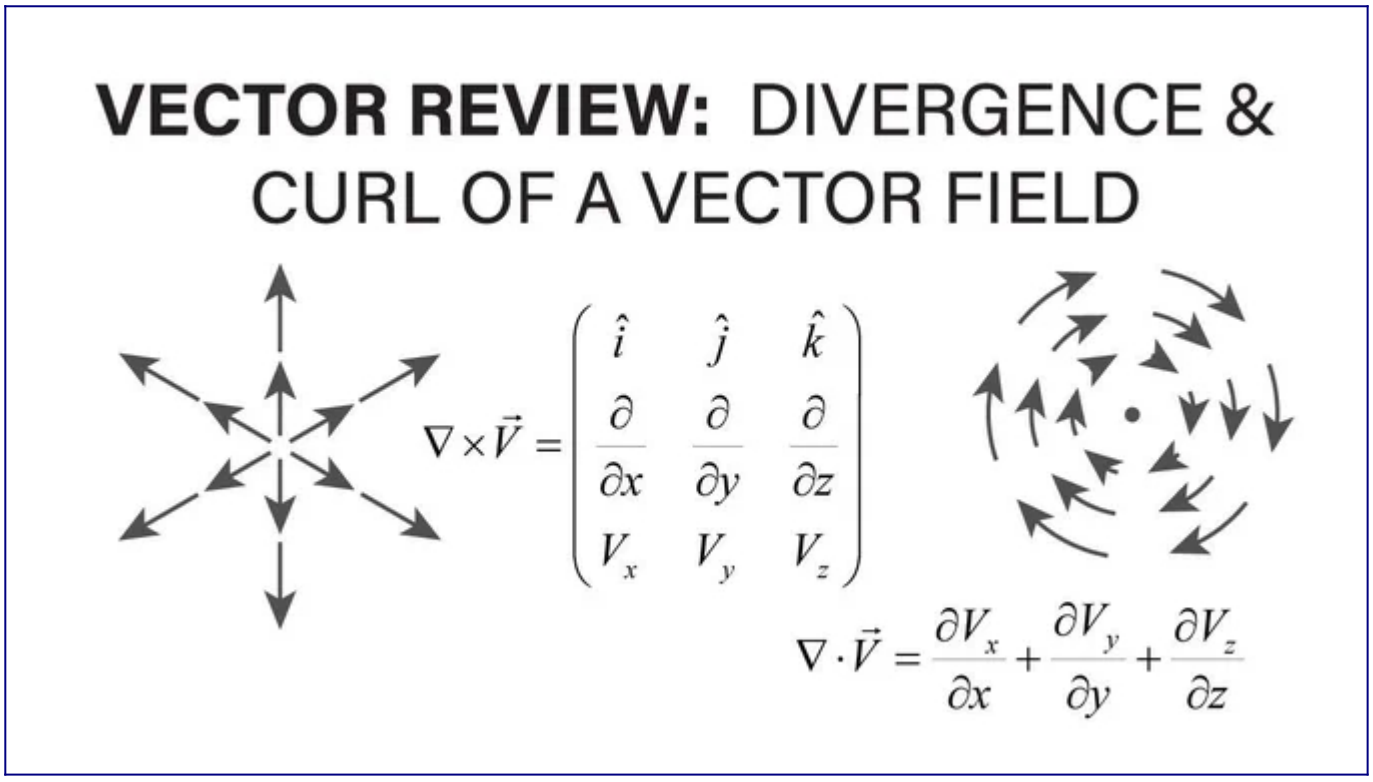
The Sun is a Electrical Sink toward Fractional Matter with less Divergence than Curl.



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Plasma Physics Papers@VPHM
Jan 28
Energy partition in collisionless counterstreaming plasmas Alexis Marret, Frederico Fiuza
arxiv.org/abs/2601.18988 [physics.plasm-ph astro-ph.HE]

Fast, counter-streaming plasma outflows drive magnetic field amplification, plasma heating, and particle acceleration in numerous astrophysical environments, from supernova remnant shocks to active galactic nuclei jets. Understanding how, in the absence of Coulomb collisions, energy is redistributed between the different plasma species remains a fundamental open question. We use 3D fully-kinetic simulations to investigate energy partition in weakly magnetized counter-propagating plasmas. Our results reveal a complex interplay between different processes, where at early times the Weibel instability drives a first stage of magnetic field amplification and at late times the kinking of current filaments drives a second amplification stage via a dynamo-type mechanism. Electrons are heated primarily during the latter phase through magnetic pumping. By the time the flows thermalize, w…

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Replying to @Paulb83209791

Critical Information J.J. Thompson found, The Electron is the smallest Particle of REAL MASS. (Earn repeating status.) All things smaller have NO Real Mass. (So, we can generate MASS with Electricity, somehow ?) All things smaller than an Electron is, a Kinetic EDDY of the Electron. (Renormalization/Magnetic Reconnect.) SO it's Wake can result in Mass Presentation. (Quantitatively) The ION and Larger Same is the MACRO NUCLEAR Scale. The ION to ELECTRON is the MESO NUCLEAR Scale. The ELECTRON to ELECTRON SCALE is the MICRO NUCLEAR Scale. Smaller than an Electron is the Sub-Micron Nuclear Scale. The Scales are Physical Size augered Dimensional Continua. The Wondow in each Nuclear Scale has it's own

Scale of Continua. When Modeling the Same Size particle, you Model with a Media Field of Continua.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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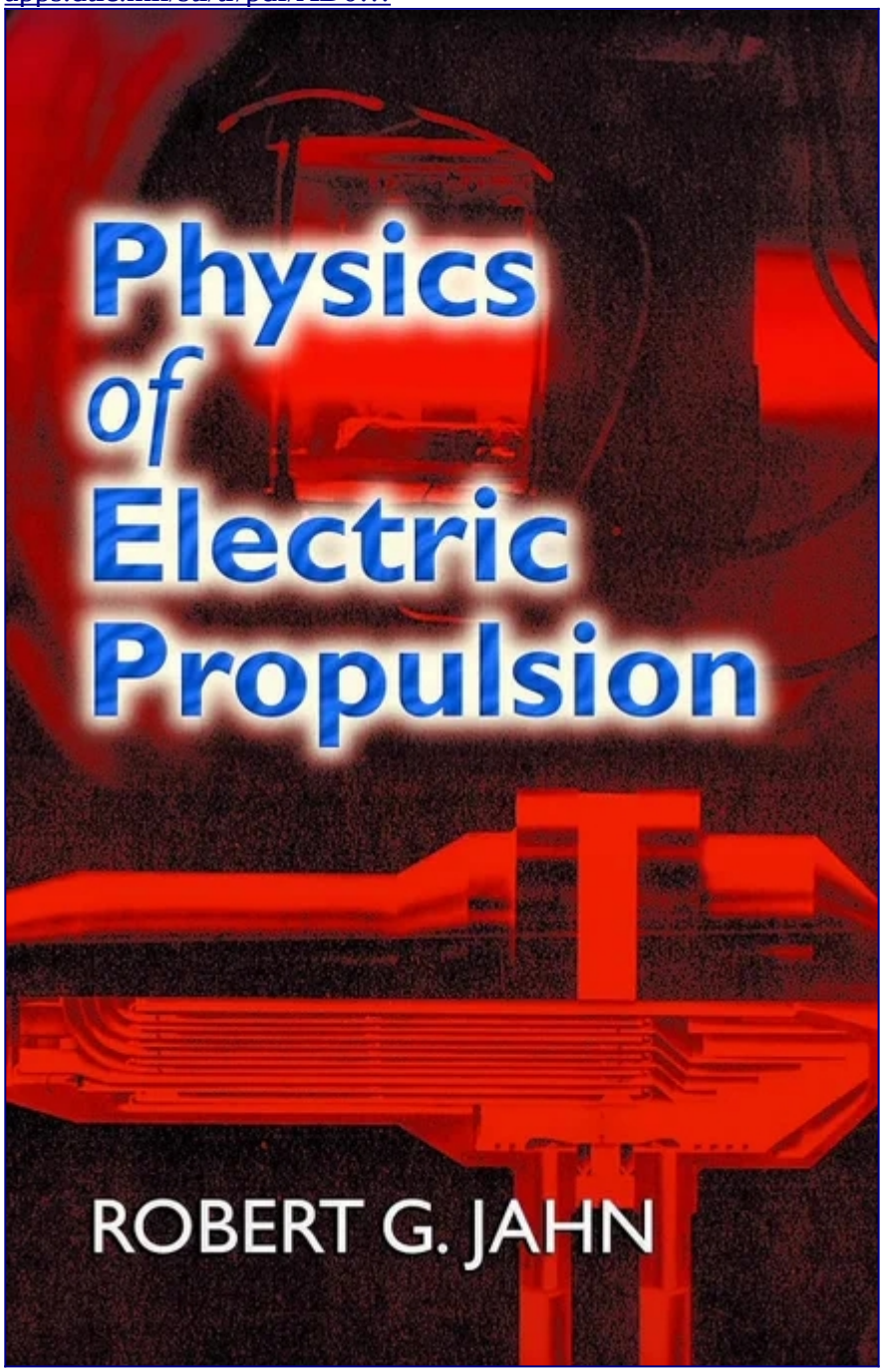
Jan 26

Replying to @Paulb83209791

I love reference reading list. DOD/DOE antigravity vehicles use an Exterior Pinch method for Nuclear Transport out of Equilibrium. (Move from stationary) When I went into the Covert Programs, this was the reference reading list for the antigravity program. An 'Intro to antigravity familiarization" class did not exist. Electrostatic Propulsion - D. Langmuir 1961 Electric Propulsion Development - E. Stuhlinger 1963 Physics of Electric Propulsion - R. Jahn 1968 Fundamentals of Electric Jet, Rocket, Nuclear, ION and ELECTRIC Propulsion. - W.H. T. Loh 1968
apps.dtic.mil/sti/tr/pdf/AD0…



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Jan 26
Replying to @t42592
Wardenclyffe Tower was to be powered by the Ionosphere, not some generators at the base. Once the Tower was to be set in motion, you could not turn it off untill something failed. Tesla wanted to put a 60 hertz Oscillation into Earth's Ionosphere. His tower would displace currents close to earth and the refill/renormalization period of the cycle was used tapped for Current Flow. This is in old 1950's Tesla books. He was planning on selling a Crystal Radio type device that would receive the Oscillation and provide 100 watts output. (with just antenna, recover and ground.) This receiver device was his own Patent, not Morgans. Morgan wanted a reoccurring electric bill, not possible with Tesla plans.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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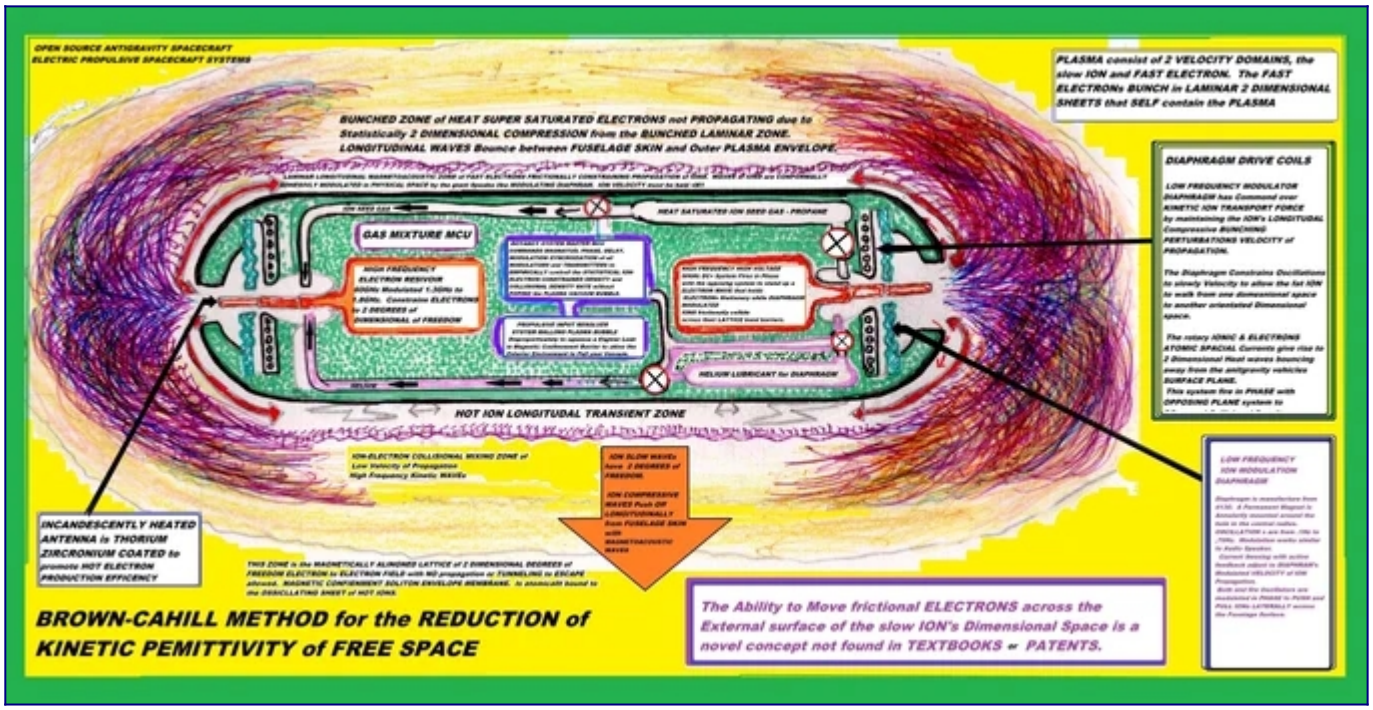
Jan 25
Replying to @craig_shoop
I take that as a serious Engineering question. I cannot answer that question as it is a whole Dry Erase Board Conversation. I am in awe of you use of Hand drawings. Proof you're a studious human and not a Chinese Bot. The US has had real world "Spaceworthy" Antigravity vehicles since the mid sixties. I have had lots of family working in those programs. I am working on a 3 Volume Antigravity Vehicle Technology Handbook that your 15U Background should fully comprehend with full Engineering Confidence. DOD/DOE Antigravity vehicles utilize a Fuselage coated in High K Dielectric that allows a Expanded Electrical Field (Fully Ionized) you intimate with a Shockwave to rarify the atmosphere into conduction. An electrical field is Physically oscillated in a laminar Collision-Commendable Flow, removing Friction by local Media Thermally lowered Adhesion. These Ion Seed Gas Fields(Plasma Vacuum Bubble) Establish their own Soliton Magnetospheric Field when taken temperatures are taken to extremes. Please draw more Pictures. I suggest use of your own choice of words to drive the Semanticist crazy. This is the technology that will get us to Mars in minutes.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 25
Video on Fusion Grifting for Investment Scams. youtu.be/watch?v=JurplDfP…

Former fusion scientist on why we won't have fusion power by 2040

I refute some very optimistic claims about fusion power and discuss some of the challenges in making this long-sought after technology a reality.Contents:00:...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 25
Replying to @MattTheBart
What you see as Lightning is Localizes Field Non-Linear Dispersal. The Universal Cosmic Thermal Background is present when the weather is nice. (Today we use the incorrect wording, Cosmic Microwave Background.) You focused on Lightning in your mind, not the Electricity for Free aspect. I use lightning as the most relatable visual memory to reference Electricity is everywhere, Electrostatics hold the fabric of Macroscale Nuclear Scale structure, together. I suggest, Refocus attention to Nuclear Transport Basics, specifically the Ambipolar Fields in a Combustion Wave Front. A open Fire is slow electricity, where propagation velocity is MACH <1 under most conditions.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 25
Replying to @planethunter56 @pakelley42
This False Concept of Cloaking antigravity vehicles comes from misunderstanding the technology. The antigravity vehicle has a super heat saturated magnetospheric plasma bubble around itself. When the heat is increased to extreme levels, the linear optical path has a moving refractive index, following the vectoring thermal currents. if looked at from a short distance, it may be optically bent out of sight, rendering the perception of invisibility or Heat distorting imagery. They don't cloak. The Aliens using LOCAL PORTALS to go NOWHERE, Their days are numbered.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 25
This need repeating. Lightning is the resultant of a Stochastic Electrostatic Imbalances between to "Corpuscular Soliton-Like" Gas Bodies, generating Friction as they collide. Lightning is showing mankind a eazy path toward free electricity. No Fuel Electricity. (Like used in DOD/DOE antigravity vehicles. In Pressure fronts, One side of the pressure corpuscle will have Higher temperature and density, while the other cooler Corpuscular pressure body will be denser. When the Corpuscular Electrostatic Boundary Shears, resulting in a Non-Linear Shockwave aggressively bringing both internal Volumetric pressure Corpuscle into 1 single equilibrium seeking adiabatic corpuscle. The Velocity of Electrons in Non-linear Shock, (where Mach>1), leaves a "Photon renormalization" Window from the wake of highly Dense Electron Current.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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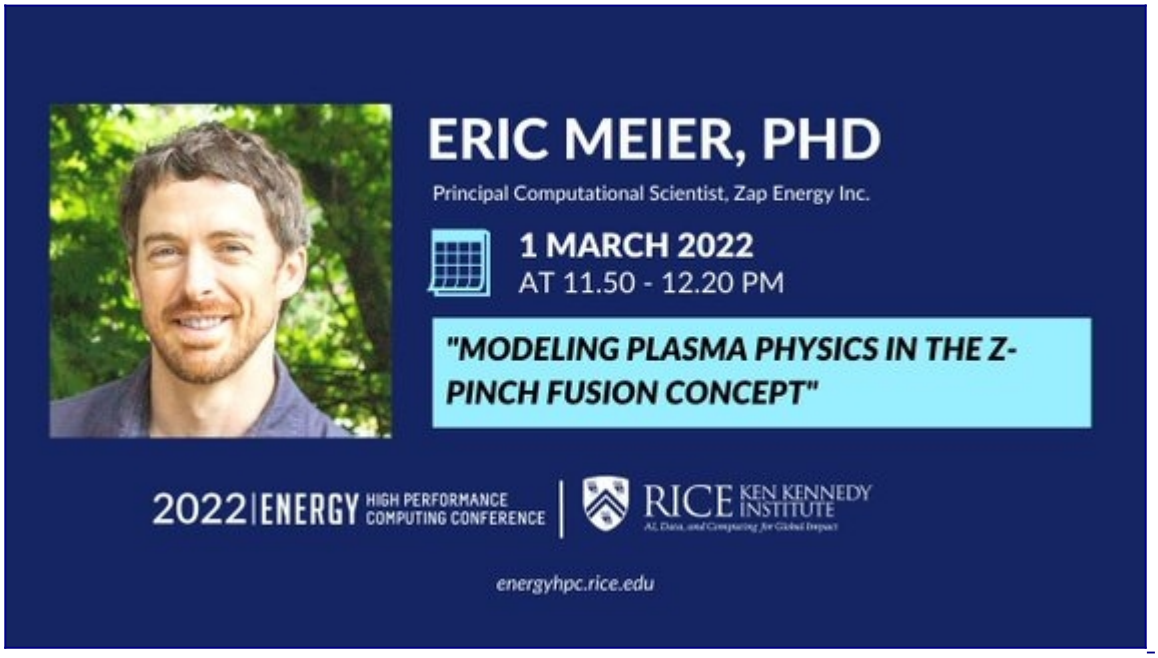
Jan 25
After watch about 100+ Fusion Grifting Videos on Youtube. I see one common error. They incorrectly use the Words, Gravitational Confienment. In textbooks of old, it is called Magnetospheric Containment. There is massive push to Fusion Grifting "Fuel" technology. Watching Nature's Lightning teaches mankind that Non-Linear Shockwave induced Electrical Dispersal is a source of free electricity. Why the push toward "Fuel" Fusion Grifting technology?
youtu.be/watch?v=O96MQtpU…



Eric Meier: Modeling Plasma Physics in the Z-pinch Fusion Concept

Keynote 3: Modeling Plasma Physics in the Z-pinch Fusion Concept by Eric Meier, Principal Computational Scientist at Zap Energy Inc.Fusion energy has the pot...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
Jan 24
Replying to @TheRealVerbz
In DOD/DOE Antigravity vehicles, the 1930's SOLID STATE ALTERNATOR, (no moving parts) is utilized to "Electrically Displace a Circuit with Long, Long path of magnetic reconnect to Grab Electricity in the displacement renormalization period. Lightning Cost no Fuel to see that Electricity, "Grabbing the Wheelwork of the Universe" cost nothing more than a Parasitic Circuit, whose lower noise Floor is a continually flowing circuit. Solid State Alternators utilize Capacitive Discharge to disperse a Equilibrium Universal Thermal Background Current in a Monolithic Amphoras Exploited Czocharalski Grown Grain Crystal that resembles a knife sharpening stone with 4 copper fingers, one on each side. The initial Captive Discharge Shockwave (Non-Linear Shock) causes a Heat Flux to go through the Crystal, giving vector to all free and lightly bonded outward from the Crystaline Lattice. After Shockwave Front thermal flux forces (Lubes the Outward Edge Valance Path, the now Cooling Crystal drags electrons back to their Crystaline Lattice Jail, waiting for the next Non-Linear Thermal Shockwave to slam through. The velocity of the Initial Capacitive Shock Wave of Displacement current (Non-Linear Flow), MACH >1 E, M, Kinetic/Thermal Wave) and renormalization of Displaced Valance Shell Holes refill is exploited (parasitically Oscillated exterior circuit) during the Linear Mach<1 (long duration) magnetic reconnect. Solid State Alternators are simple valid concept of Nature, engineering.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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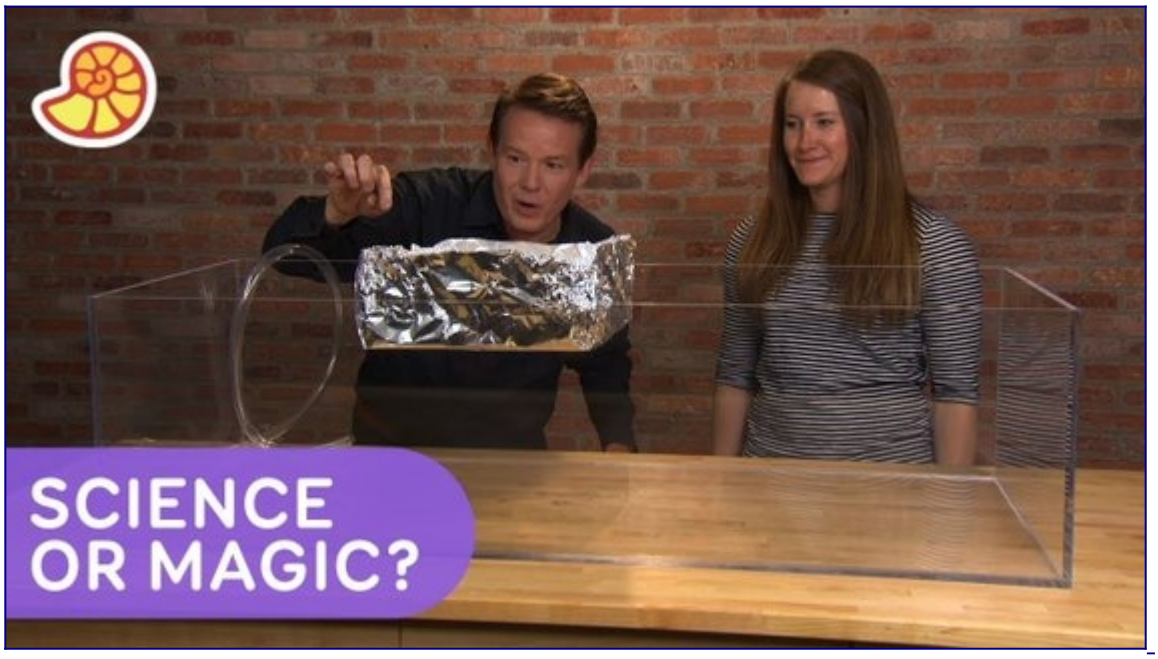
Jan 24
This video has so much relational lesson related to antigravity vehicle's Increasing the Permittivity of Locality. youtu.be/watch?v=NZwkNDOh…

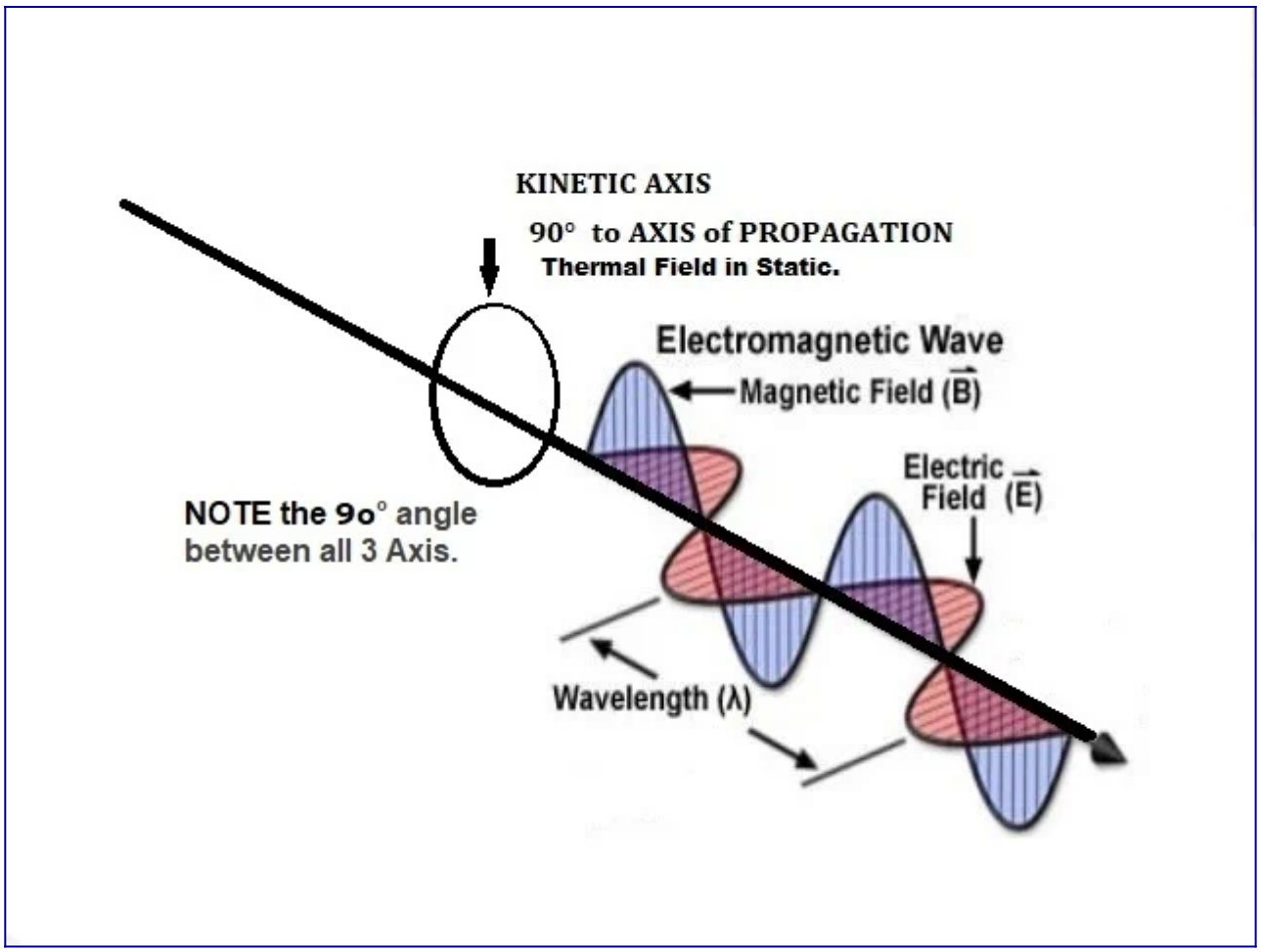


This Boat Floats On Air! | Xploration DIY SCI

This experiment is soooooooooooooooooo cool! It looks like magic, but it's sulphur hexafluoride science! Don’t miss any uploads! Subscribe now: http://bit....

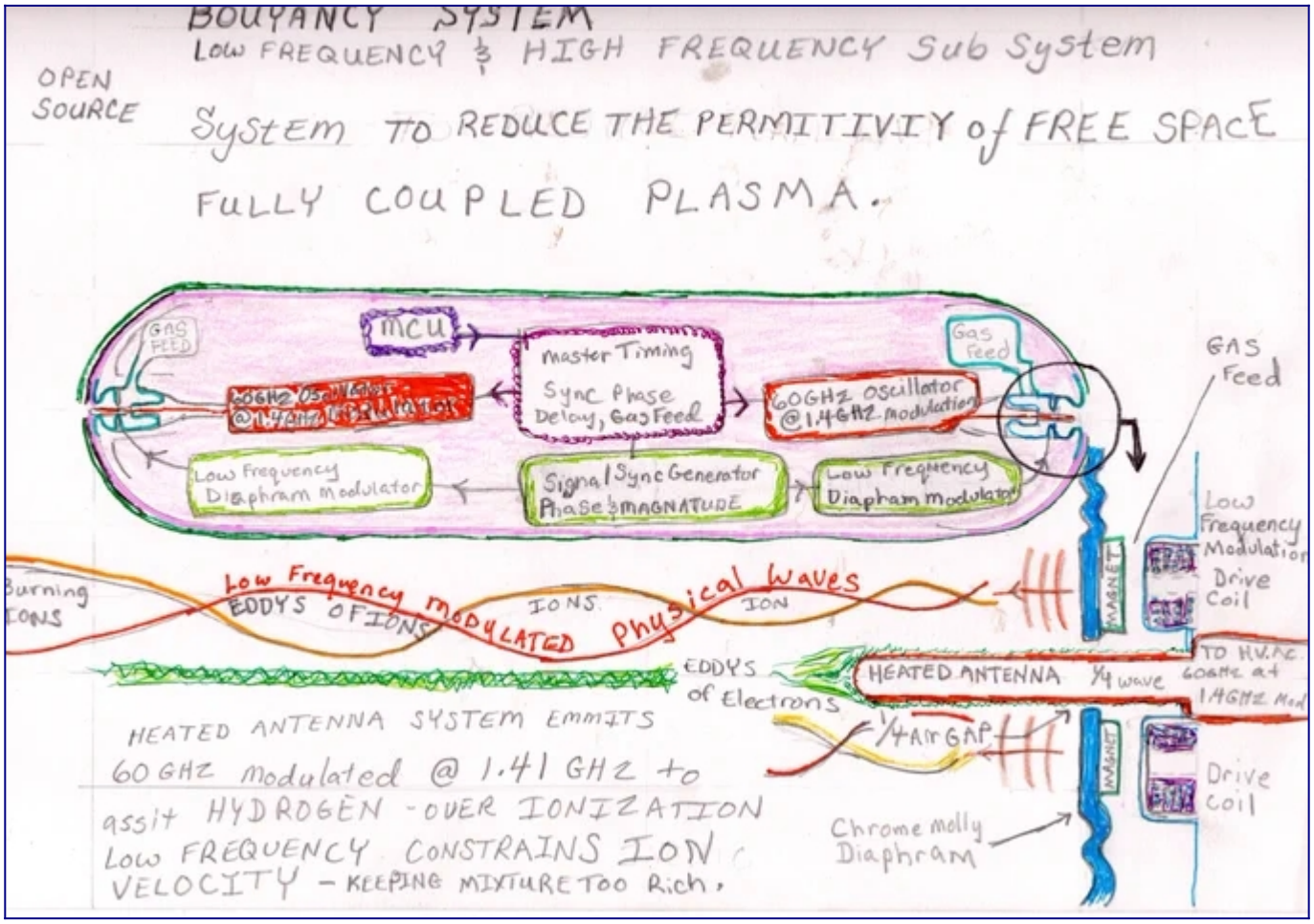
youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 24
Replying to @Paulb83209791 @TheRealVerbz @Bentist @JakeHunter88
Ponder this.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 23
Replying to @TheRealVerbz @Bentist @JakeHunter88
The Mesoscopic Window is the Ion to Electron Kinetic Coupling. Keeping the Electron wave, magnetic wave and the Thermal/Kinetic Inertial Moments the same co-coupled velocity in a linear Mach<1 Flow allows a device to utilize an initial shock wave to rarefy the surrounding media to a desirable conductive don dissipating soliton plasma environ, that keeps pushing the surrounding media adiabatic atmosphere away from the vehicle with electrification applications & techniques to artificially suspended a ultra-low pressure plasma vacuum bubble. The Electrified Bubbles have pressure found lower than deep space. Pressure the equivalent of any Current you wish to pay for by pumping/inflating in a super Hot Thermosphere, where the outer boundary is so hot it pushed both sides of the magnetosphere, away in locality, suspending dispersal by putting a super heat saturated thin boundary that drive outward in vector only like a diode. The skin temperature of the vehicle stays under <200 degrees F as part of maintaining the outer Thermal Stability Current Flow. The skin of the vehicle is Heated initially in the atmosphere to assist with Laminar Flow initial draggy adhesion untill collisional inflate the full field. Heat Flow is Outward only, Heat vectors like a

Diode current flow, never backward. Maintained by outward 1/4 wave Forward Triangle wave, (discrete time) whose lower voltage is the Universal Cosmic Thermal Current Flow, altered by local locality in Media (Density). The Ion seed Mixture artificially inflates the field with super heat saturated outer magnetospheric boundary layer, pushed by the vehicle end fire electron plasma vectored toward electron only field emission.

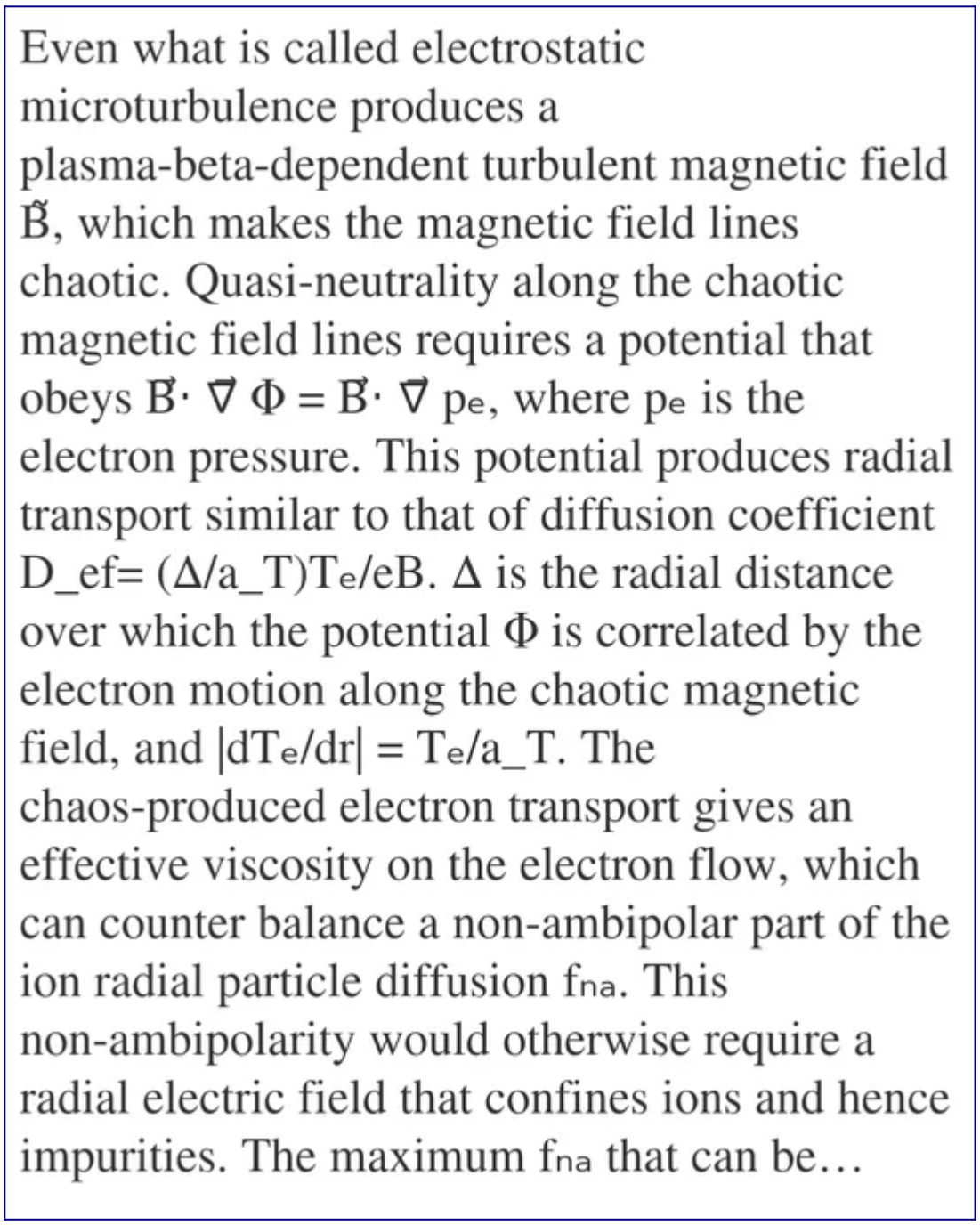


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted

Plasma Physics Papers@VPHM

Jan 23

Non-Ambipolarity of Microturbulent Transport Allen H Boozer arxiv.org/abs/2601.15661 [physics.plasm-ph]



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Jan 23

The Interaction of Radio-Frequency Fields with Dielectric Materials at Macroscopic to Mesoscopic Scales. pmc.ncbi.nlm.nih.gov/article…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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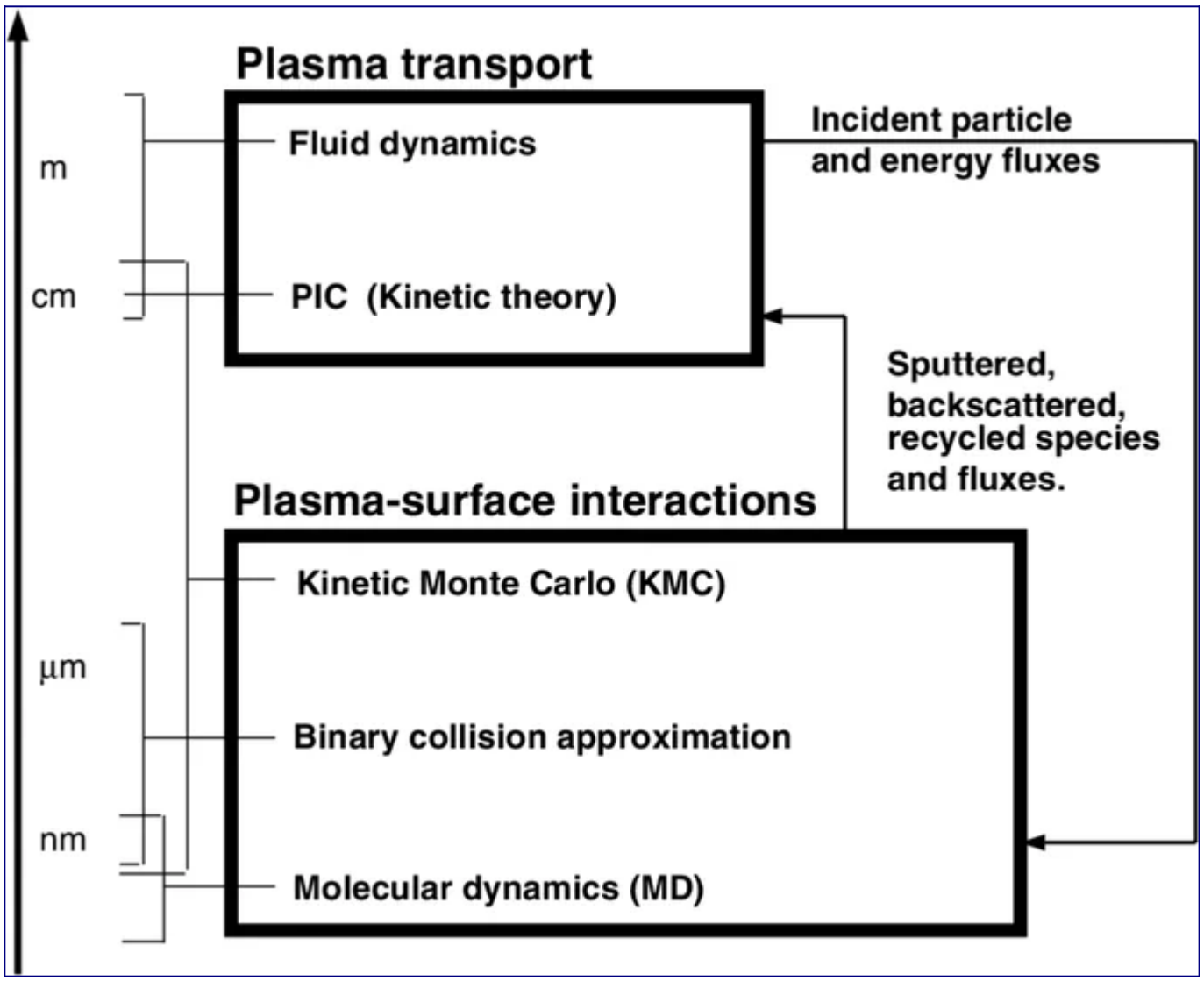
Jan 21

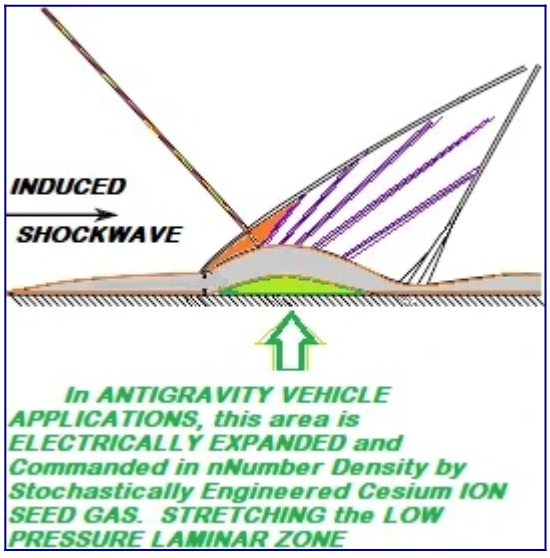
Good article on Modeling Plasma. Plasma–wall interaction: a multiscaleproblem. researchgate.net/publication…

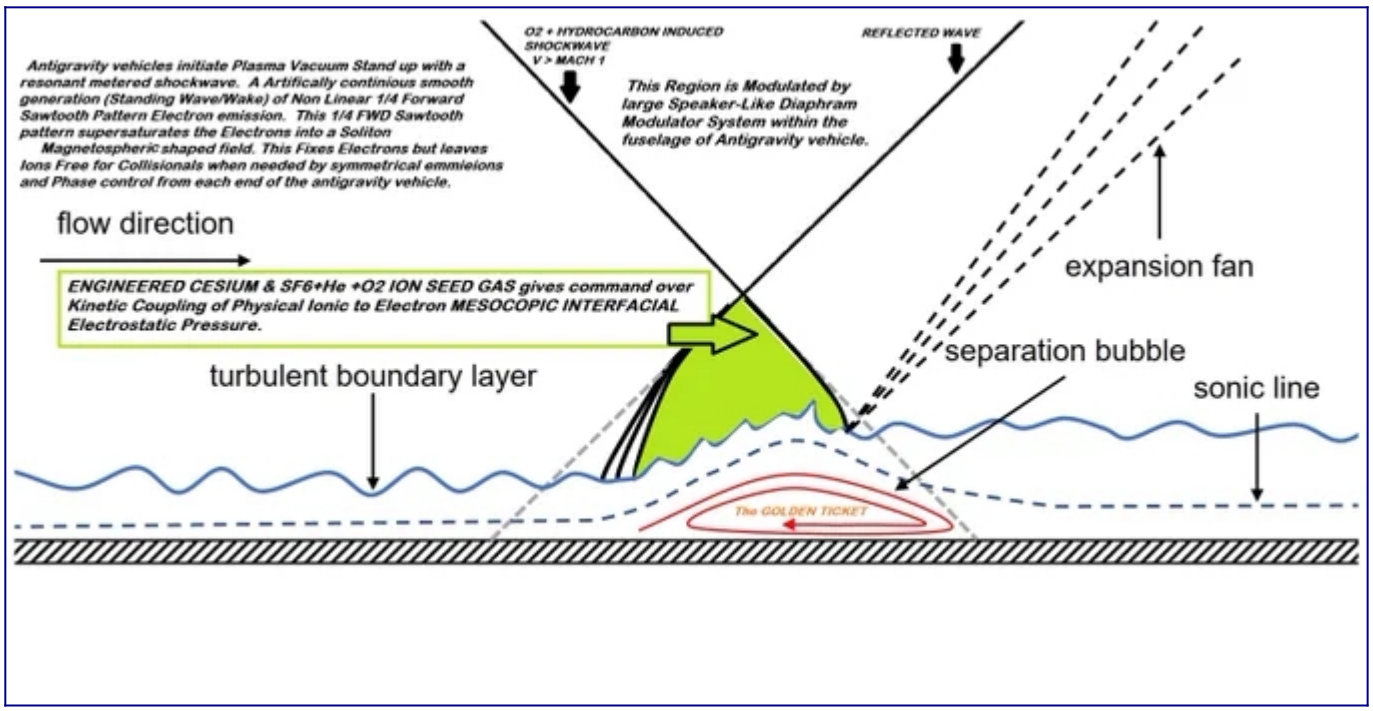


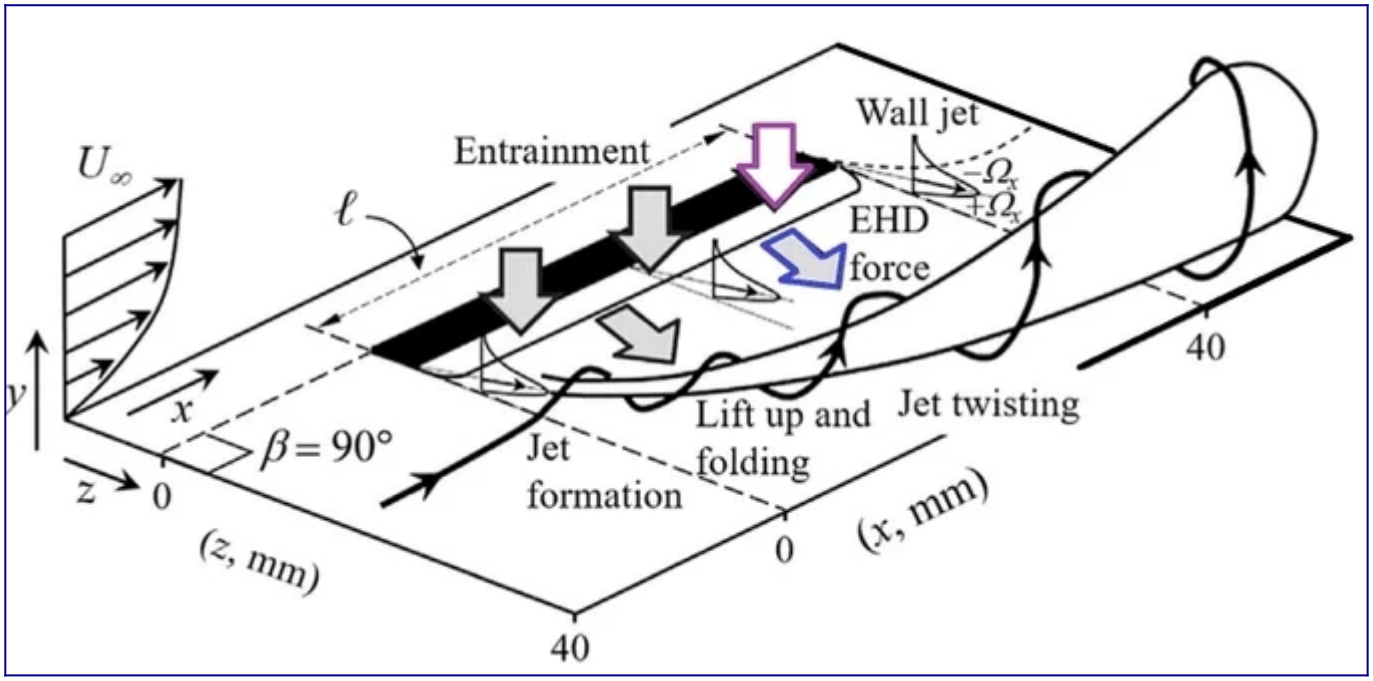
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 20
Replying to @TheRealVerbz @LilithBlack25
It is known that Hydrogen, under extreme Ionization Fields & extreme pressure will produce Oxygen Nuclei, Spontaneously from FRACTIONAL Matter.

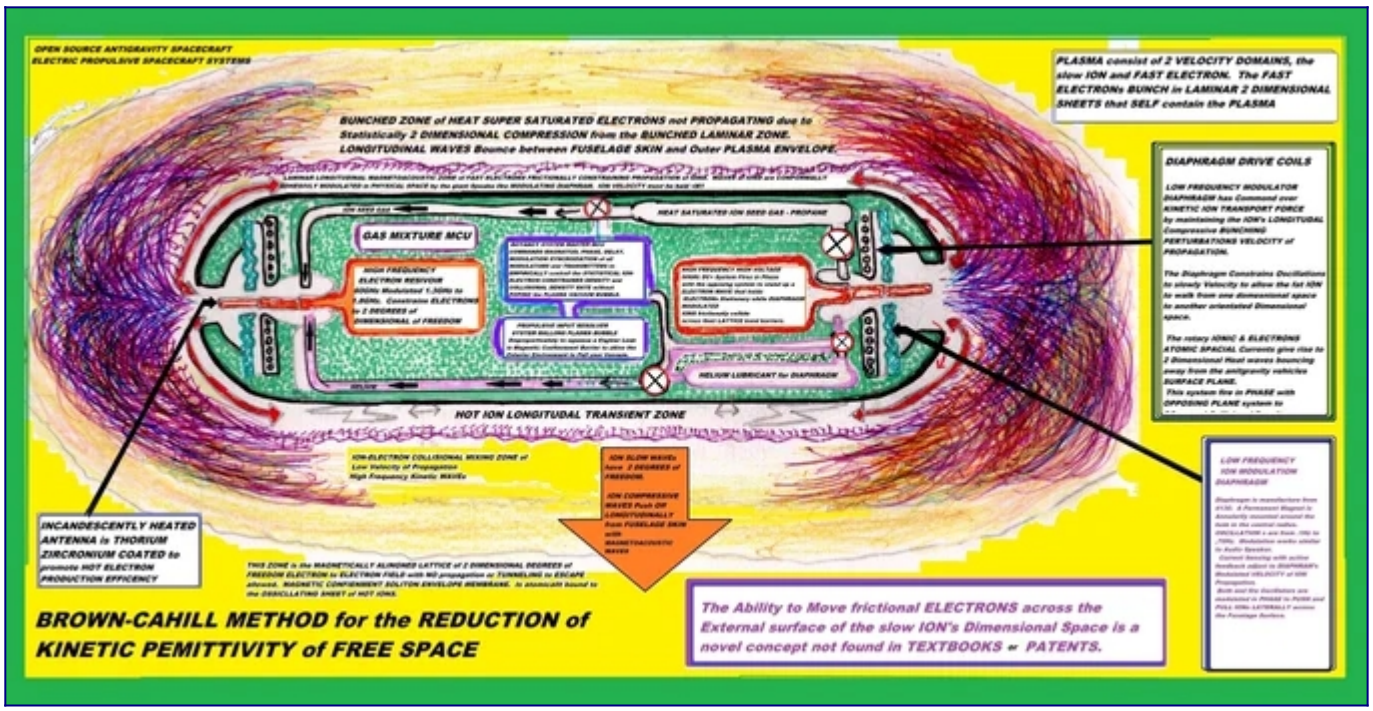
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 17
Replying to @Paulb83209791
Yes, Good parallel analogy. Wave Canceling is an application of Landau Damping methodology is used in Audio Noise Canceling head/ear Audio devices. It is a critical bit of information to understand that in antigravity engineering, the Ionic and Electron velocity must be commanded to the same equilibrium, regardless of temperature but independent of exterior surrounding media pressure. The Buoyancy Command and Control System spews out super heat saturated Ions and Electrons, then physical pulls back on the Ion, temporarily stripping/pulling the Kinetic Coupling in the Mesoscopic region. The Buoyancy Command and Control System keeps Ion and Electron Velocity, within the Plasmosphere in Electrified Equilibrium/Inertialess. The System ensures all emitted energy is efficiently applied to the field in a manner that maintains Ionic velocity below

Mach, M<1. The antigravity vehicles modulation diaphragm Physical Pulls back, the Ion to Electron Coupling. This methodology is a Cold Ion-Electron Collisional method usable in extremer low pressure. Method is utilized to keep Ion temperatures low, while forcing Electrons to funnel/vector electrons toward the outer Magnetospheric boundary region of the vehicles Plasmasphere Vacuum Field. Antigravity vehicles "RF Echo SOUND" the surrounding Media's Ion and Electron Density to determine the LOCAL Mesoscopic SPEED of SOUND, (& Corrected Physical Ion Coupling Constant), as part of the antigravity spacecraft's Buoyancy Command and Control System. Buoyancy's system controls surrounding media density, created via Soliton Electrified Plasma Ion Seed Gas, magnetically holding the Ions, trapped in the Eddys, within the Laminar Oscillatory flow region. In antigravity vehicle engineering, What is canceled is local Mesoscale Ionic Inertia to Electron's Physical subsonic Interfacial nuclear L Shells adhesive electrostatic bond, to the local Ionic Nucleus. Nature has a memory at the L shell Juncture. If the L Shell's bond, to Ionic Nucleus, is too hot, the bond stretches far but has a Non-linear braking point, that when fractured beyond the Ions and Electrons ability to subsonically absorb the energy, all excess energy may contribute to Fraction Matter transporting the energy out of locality, (Diffusion). By Creating a electrified local Mesoscopic, Low Pressure/Nuclear-Mesoscale- on a Macroscale-Grand Canyon, with Non-Dissipating/Diffusing Plasma Electrified Soliton vacuum bubble, whose Non-Diffusing Electric Field holds all Electron Diffusion by resonant reflectiveness of the Engineered Ions seed gas mixture. The Ion Seed Gas mixture is formulated to resist going into UN-EQUALIBRIUM, (Diffusive Transport.). The Electric field pushes the atmosphere away from the fuselage surface, where hot Ions are held in oscillatory eddy of super heat saturated electrons. The Super Heat Saturated Electrons establish the outer non dissipating Magnetospheric Soliton Boundary. This region is so hot it pushes both sides of it's boundary of heat. New arriving heat vectors from the end fire transmitters of the Buoyancy Command and Controls System's Field Equilibrium maintenance energy output commands. So in short, these systems establish a local electrified region of inertialessness, in reference to internal vehicle's inertia and not outside inertia.

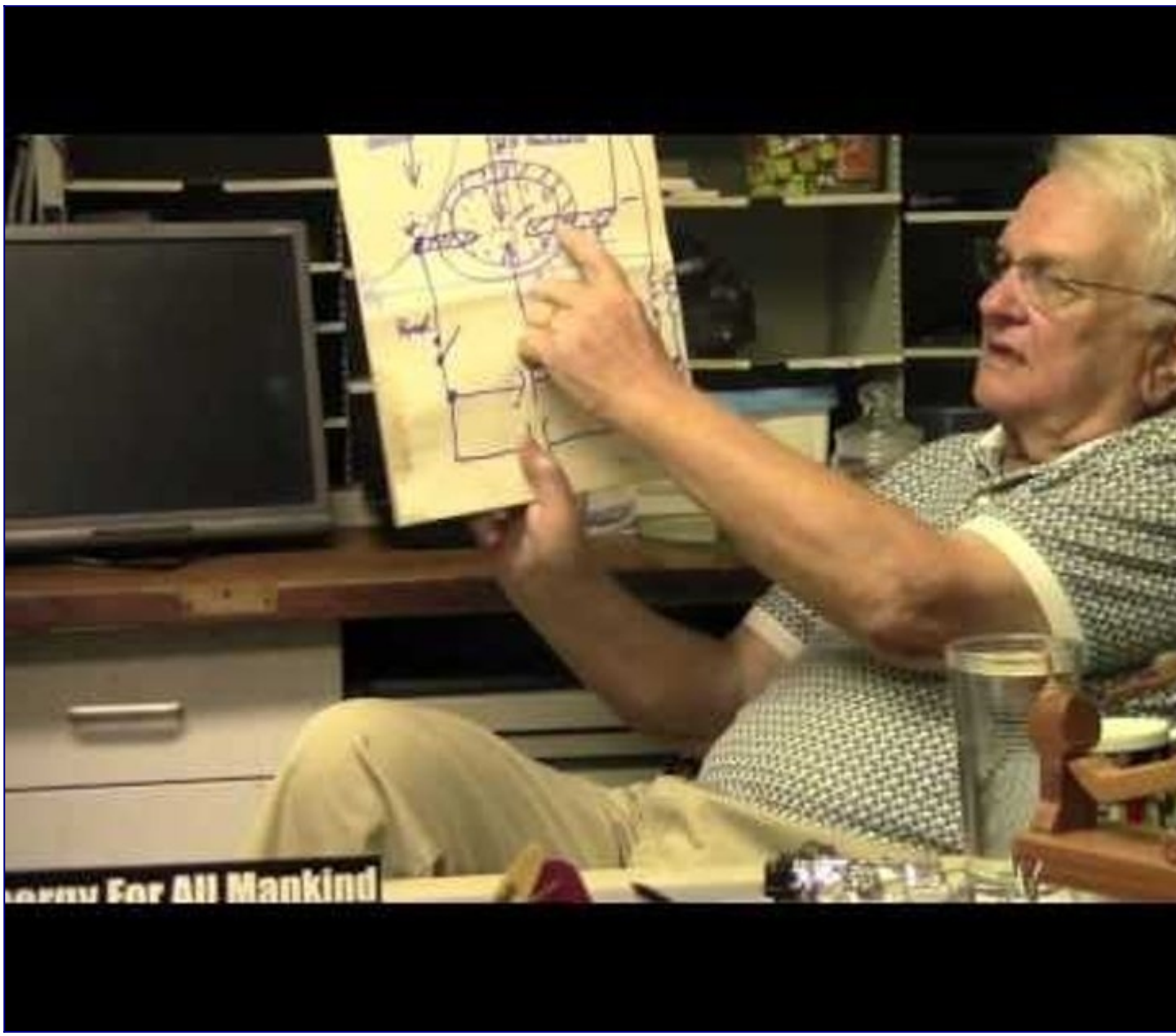



Antigravity vehicles initiate Plasma Vacuum Stand up with a resonant metered shockwave. A Artificially continious smooth generation (Standing Wave/Wake) of Non Linear 1/4 Forward Sawtooth Pattern Electron emission. This 1/4 FWD Sawtooth pattern supersaturates the Electrons into a Soliton Magnetospheric shaped field. This Fixes Electrons but leaves Ions Free for Collisionals when needed by symmetrical emmieions and Phase control from each end of the antigravity vehicle.
O2 + HYDROCARBON INDUCED SHOCKWAVE V > MACH 1
REFLECTED WAVE
This Region is Modulated by large Speaker-Like Diaphram Modulator System within the fuselage of Antigravity vehicle.
flow direction
ENGINEERED CESIUM & SF6+He +O2 ION SEED GAS gives command over Kinetic Coupling of Physical Ionic to Electron MESOCOPIC INTERFACIAL Electrostatic Pressure.
expansion fan
separation bubble
turbulent boundary layer
sonic line
The GOLDEN TICKET


U_∞
ℓ
Entrainment
Wall jet
$-\Omega_x$
$+\Omega_x$
EHD force
y
x
z
0
$\beta = 90°$
Jet formation
Lift up and folding
Jet twisting
40
(z, mm)
0
(x, mm)
40



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 14
Replying to @Paulb83209791 @MichaiMorin
youtu.be/watch?v=lNSAXbZf…



Pulser Plasma Engine Core: Recovering the Papp Engine

http://coldfusionnow.org/heinz-klostermann-on-the-papp-engine-there-should-be-a-marshall-plan-to-support-this/Inventors Heinz Klostermann and Tamerlane Sanch...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 14
Replying to @Paulb83209791 @MichaiMorin
No, there is lots of Myth of Mercury. Mercury is not used in the vehicles engineering. I see no need for use of Mercury in antigravity. Old Documents Red Mercury refers to the unusual three point, when heated Cherry Red. Old 1940's Recipricating Alternators had small amount of mercury in it's Expansive/Contractive Helium based Fuel mixture. Papp's Helium reciprocating engine runs hours on one small charge of Helium Mixture. In 1990, AFRL had a Papp manufactured demonstrator, 4

cylinder Volvo Engine with PAPP's Closed Cycles modified Cylinder Head, running on a small Helium charge. It is probably boxed up and forgotten today. en.wikipedia.org/wiki/Josef_…

Josef Papp - Wikipedia

en.wikipedia.org

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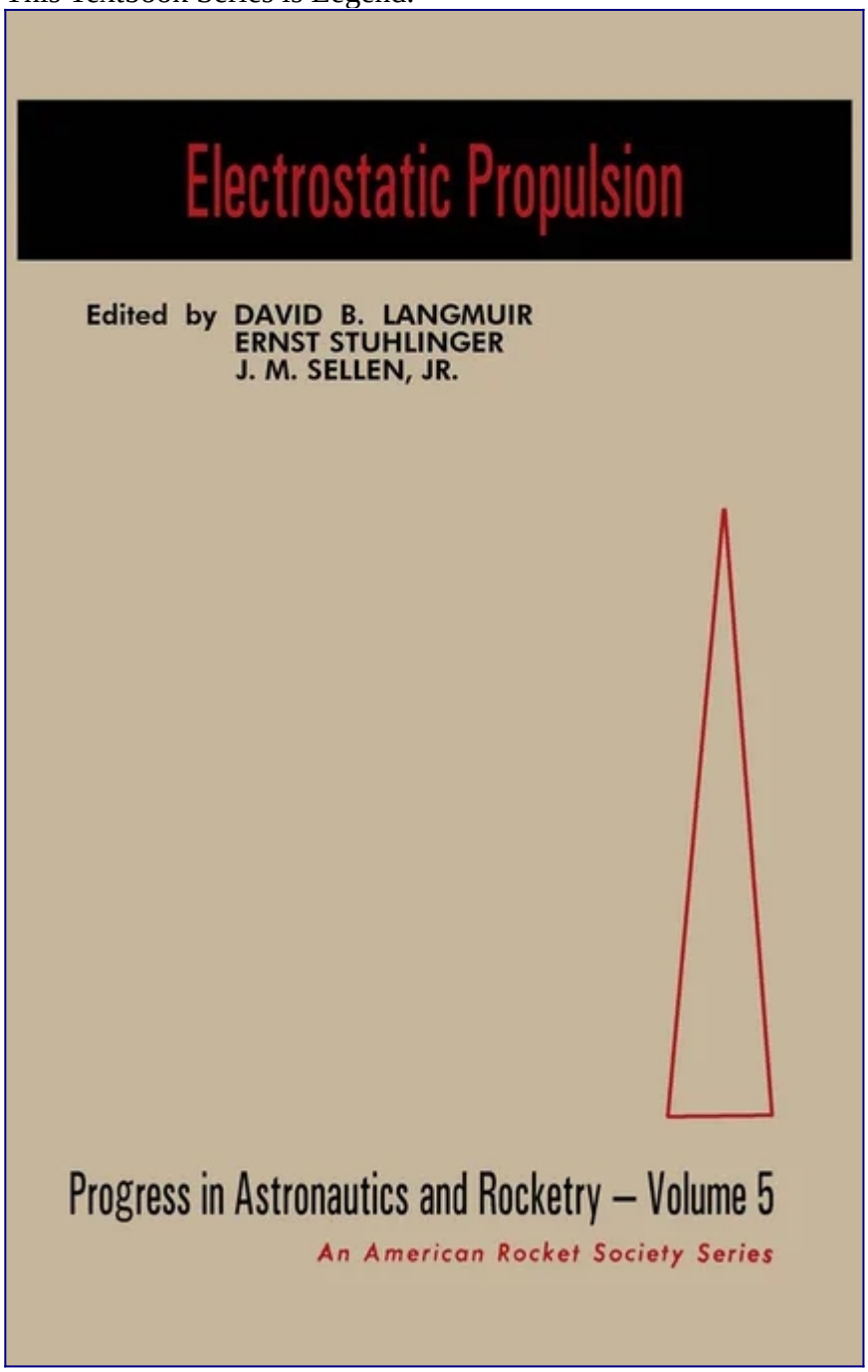
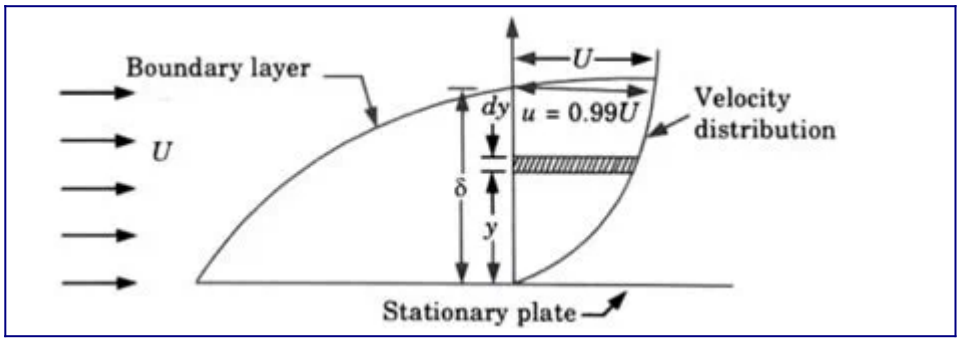
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 13
Replying to @GoesslerAlyssa
This Textbook Series is Legend.



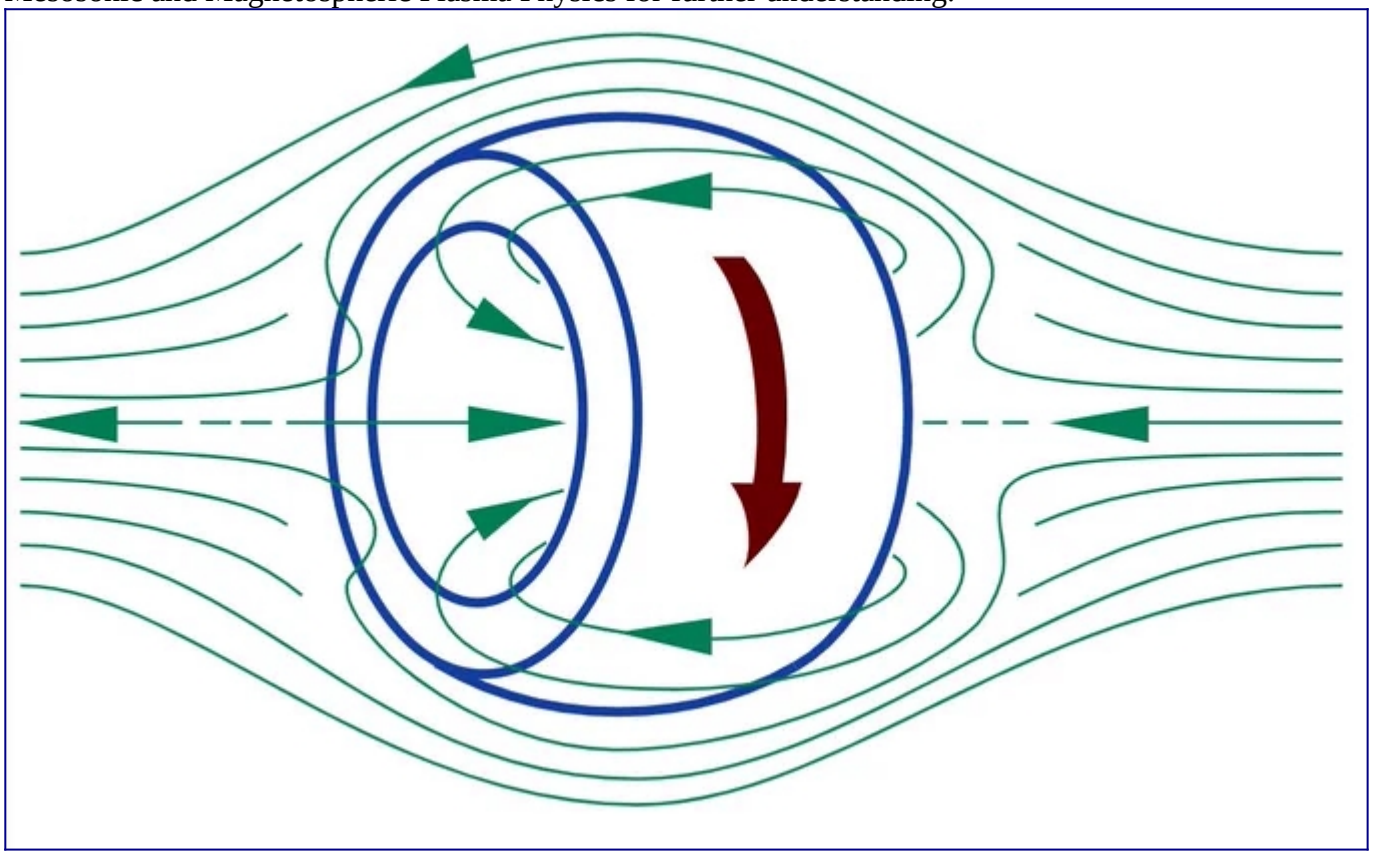
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
Jan 12
Replying to @th_stath @SKraziAF @AshtonForbes @OriginalTrades
Linear Divergence of path, then restoration. Vehicle does not change any Field Emmission settings. The universal cosmic thermal background has a ION macroscale of Continua in the form of a ever Kinetically Coupled, H+ cloud grain of Hydrogen Continua helps long, long, long Deep, Deep Deeper Space reach(Around), via hard Maxwell, Boltzmann, Coulomb Debye Green, Soliton electrostatic Ass Grab length, will deviate in a linear path. will self-correct in the same inertial fashion that causes a aircraft turn to stay in motion I until counter Aileron to stop roll. On that flash, a proper Lattice Boltzmann CFD program could stop that. The CFD engineering should model a STL Model in a interfacial multiscale in multi-media field, at the Nuclear Interfacial Macroscale, Mesosonic and the Electrons Microscale of continua of all 5 scales, 3 scales + 2 expanding Interfacial scales in the 4 Media Field. CFD should have Vehicle Cockpit Simulator to alter ION Seed Mixture, Fuselage Skin Temperature, Skin Effect Charging, with alter surface characteristics of thermal Plasma spray of metals and semi metals like Amphoras Silicone, Thorium and Zirconia, and Boron and SF^ and High K Dielectrics, modeling the full reconnect using a Model of Natures behavior for the FIELD.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 12
Replying to @SKraziAF @AshtonForbes @OriginalTrades
The ION Seed Gas mixture seen spewing in the spherical antigravity vehicles path, is equivalent to LUBING the NUCLEAR TRANSPORT probability, via Inducted Ambipolar Nuclear Nonequilibrium. In an expanding two-phase Combustion of Air and Fuel, the Airside of the combustion wave is very Ambipolar (wanting to Polarize) transporting toward the Polarized Combustion Front. (Big Secret in Stochastic Textbooks) The Ion Seed Gas mixture creates a Macroscale un-equilibrium of Mesosonic Flow. Inducted/Vectored from Ions, toward Electrons. The Electrons prefer to steal, from LOCALITY, all the Free and Lightly Bonded Electron's Inertia/Momentum and place it into the Electrons Microscale Lattice of Continua, via heating, when the vehicles coupled Buoyancy System commands transport mode. The ION Seed gas Kinetically Couples, (LUBES) the Locality of MACROSCALE IONIC CONTINUA to behave like FAST HOT ELECTRONS in TRANSPORT. The IONIC SEED GAS MIXTURE generates a Electrostatically held Un-EQILIBRIUM of Locality, MH370 itself. The ION Seed Gas Induces MH370 to behave as a COUPLED/BONDED ELECTRON, to the Master spherical antigravity vehicle. The spherical Antigravity vehicles physically hard bonded gas-couple to all surrounding interfacial media, and MH370, as a large single vehicle, with my JAVA code STATION KEEPING, SKEE, PHASE software package. When the whole mass goes into a NUCLEAR TRANSPORT MODE, there is also a HYDROCARBON mixture in the ION Seed Gas. In the MH370 video, the vehicles are establishing a Physical Coupling, prior to a Co-Signaled, Master-Slave Sync of Phase information, generating the Vehicle-to-vehicle KINETIC COUPLING, similar in function to a TRACTOR BEAM. Where all vehicle, in Locality, fix in space, relative to each other only, not caring about anything outside the Macroscale Vacuum bubble of extreme, moving low pressure. The vehicles all go into Nuclear Transport mode as a single entity, not teleporting. They move as a single vehicle

toward the MASTER's selected Heading. The Ion Seed Gas mixture alters interfacial media's physical locality nuclear Stochastic Pressure, engineering a Hot Electron Transport Lubing of the "Locality of Media Adhesion" to greater spacing of Nuclear Interfacial influence, of Locality. The Ion Gas mixture and MH370 are Kinetically Coupled to the Spherical Antigravity Vehicles Internal Buoyancy Command and Control System's inputs. All of this is in textbooks. look to Macroscale Mesosonic and Magnetospheric Plasma Physics for further understanding.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 10
Replying to @TheRealVerbz @SocraticScribe
Pulses of 30 Nanoseconds or less Increase Stochastic Ion Pressure. At high amplitude, the Ions internal structure becomes unstable and can disintegrate into Fractional Matter. There is a Big Grifter scam in Fusion. Hire a bunch of unknowledgeable Graduates to run you Fusion Grifting Program. Then, repackage 1950s and 1960s DOE & NASA FUSION Energy Systems that will use expensive Fuel. Sell to American public and Cheap Energy. The FUSION Scam was in the ENRON data dump of Locking up the Natural Gas Market, Selling Fake Wind Power. Sellijng Private Big Internet Data Solar Parms to Public, making public pay for Googles Private Texas Power Grid. (Not even hooked to grid.)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 1
Coupling of Fluid and Particle-in-Cell Simulations of Ambipolar Plasma Thrusters.
mdpi.com/2226-4310/11/11/880

Coupling of Fluid and Particle-in-Cell Simulations of Ambipolar Plasma Thrusters | MDPI

Ambipolar plasma thrusters are an appealing technology due to multiple system-related advantages, including propellant flexibility and the absence of electrodes or neutralizer.

mdpi.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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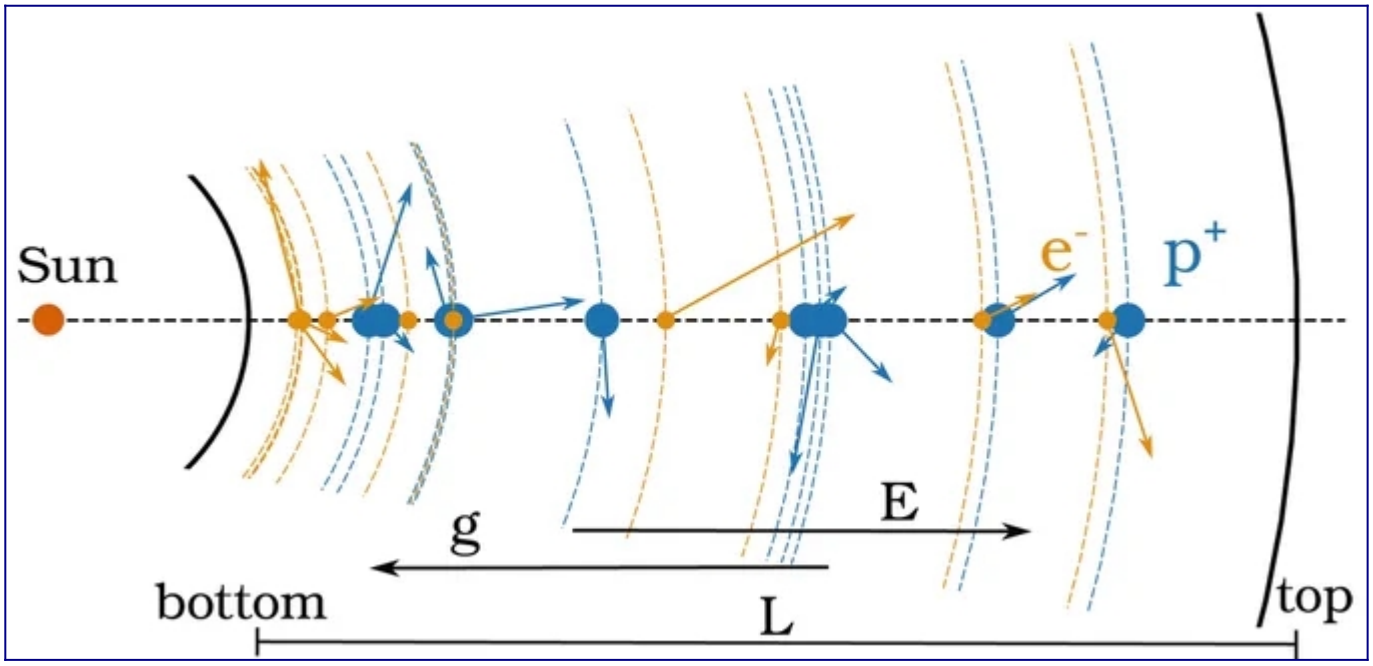
Jan 1
Whitepaper Self-consistent generation of the Ambipolar Electric Field in Collisionless Plasmas via multi-mode electrostatics. LUCA BARBIERI arxiv.org/pdf/2509.03142



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 1
Replying to @Paulb83209791
2433afrlwr.stacksdiscovery.c…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
Jan 1
Replying to @Paulb83209791
Within the D'Azzo Library, there are 3 Libraries but most only think it is one. I bought lots of textbooks and contributed to the library's Russian Plasma Research. They have the latest Russian Plasma research, and we share our research. There are not that may Engineers in Russia or the US whom understand MESOSCOPIC PHYSICS, the Physics of the Origin of Physical Inertia. Reference Library Access is restricted to Secret, just to enter and use the bathrooms and common areas. Also, must be Military or prior Military Civil Service access only. No Civilians that have not been in US military, are not allowed, no visitors. To get into the TS research library requires a Top-Secret Security Clearance along with a letter from your current Commander. You will find almost no one in the library on weekends. You will need a SPECIAL CAC Card to View Secret & TS ELETRONIC ARCHIVE information. (These require special authority, your commander gets this

card for you.) Once you go through all the HOOPS, you have life access, till your TS clearance runs out. When your TS Clearance runs out, you must have a Sponsor pay for the DSCA FBI Background Check. If you don't have a Sponsor, you can Sponsor yourself as a Private Tier 5 Business, then pay FBI out of Pocket and you are good for 5 years. Must have reasonable letter of Intent in application. Letter must state before hand, ALL intentions. I renewed mine recently and it cost $4,800 due to extra retirement search. It was about $4500 + cost for Military & Civil Service Record search & certification. My AFIT PhD is good enough for a Teir 5 Business application. The Special Access CAC Card is surrendered to the SP on Duty whom sticks it into the CAC Card Read on the outside of the room. The are living people whom have authority to grant access to Categories of Information, living on base housing at Wright Patterson AFB. This is where you expand your search. (Your first stop, see friends) Upon entry, into the electronic archive secure area, the SP places Both your CAC card and the special access CAC card (assigned to you only) into CAC readers mounted on the wall, next to the small computer room door. (Your CAC card shows whom has the room. You will have the SP yell "You OK in there", about every 10 to 15 minuets, he will entry and the screen will blank, if you don't answer him. The special Access CAC card belongs to the Librabry and will expire every 90 days without Information Custodians approval. The SP keeps you Locked you in the computer room, no paper or pencil allowed. Empty Pockets into tray before entry. Physical Search. When you leave, the SP keeps the Card and places it a Vault when 2 SP are present. If second SP is not present, you cannot leave till he gets there to open the vault and close the vault. You sign a book saying you saw the SPs follow regulations. DOE's Joseph Oppenheimer Library is identical in regulation and conduct. It is 12 Library's. You want the "Cutis Lemay Library", within the DOE's Joe Oppenheimer Library. The Joseph Oppenheimer Library is within the LANL, Los Alamos National Laboratory's Research Library. See any layering here? The Oppenheimer Library is in another entire location/building from the LANL Library, in Albuquerque.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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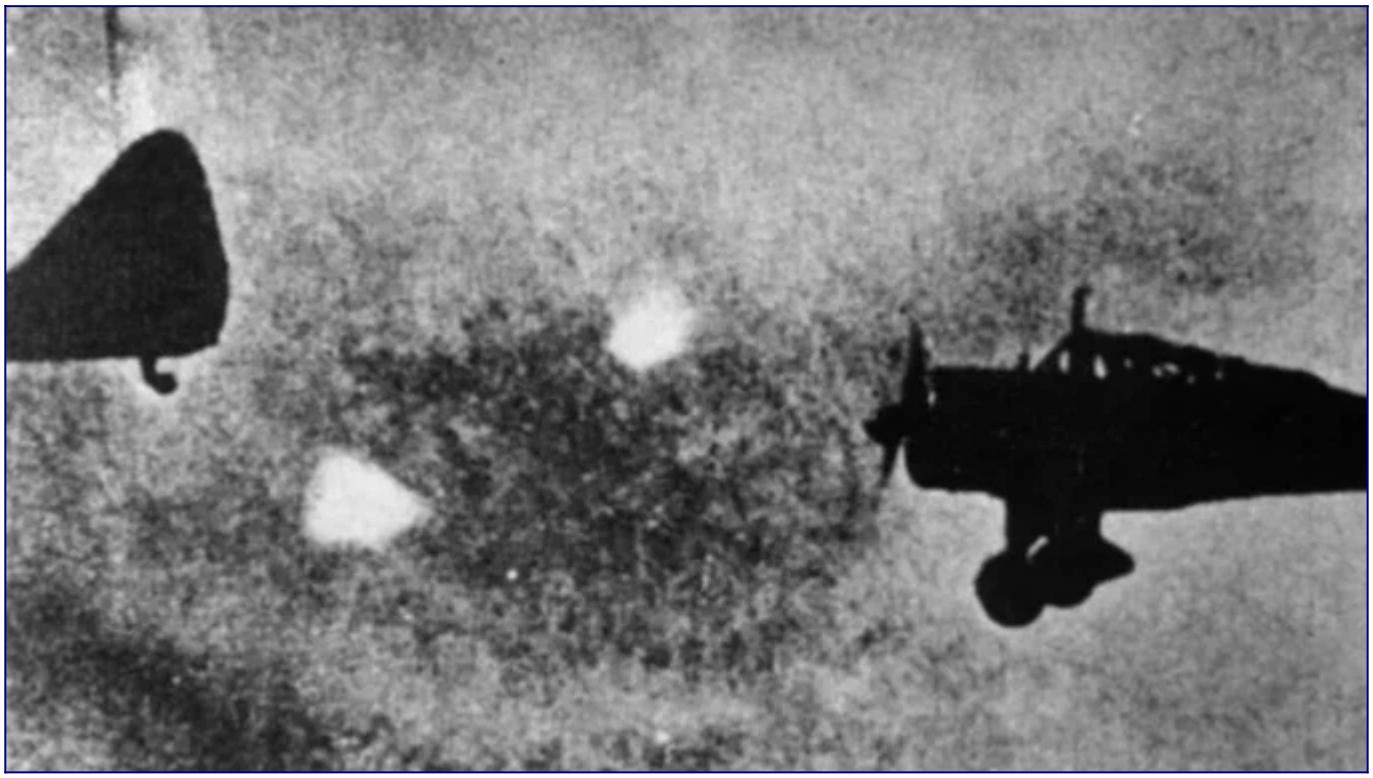
Replying to @UAPWatchers
Momentum Wheels were first introduced in 1951 into USAF/NAVY & older NAZI testbed antigravity vehicles. A motor driven spinning Fly wheel mounted on a moveable Gimble inside 3 cages, representing ROLL, PITCH and YAW Axis, is rolled around with the cages to reorientate the antigravity vehicle. The flywheel and motor assembly all fit into a square enclosure and are mounted extremely rigidly to the frame. The flywheel is heavy and high speed. A DOD/DOE antigravity vehicle's Attitude Command, Control and REFERENCE System swings the cage axis for Command of Roll, Pitch and Yaw. Picture of 2 Axis Caged Flywheel. DOD/DOE momentum flywheels are constructed in a counter rotation 2 Flywheel assembly.

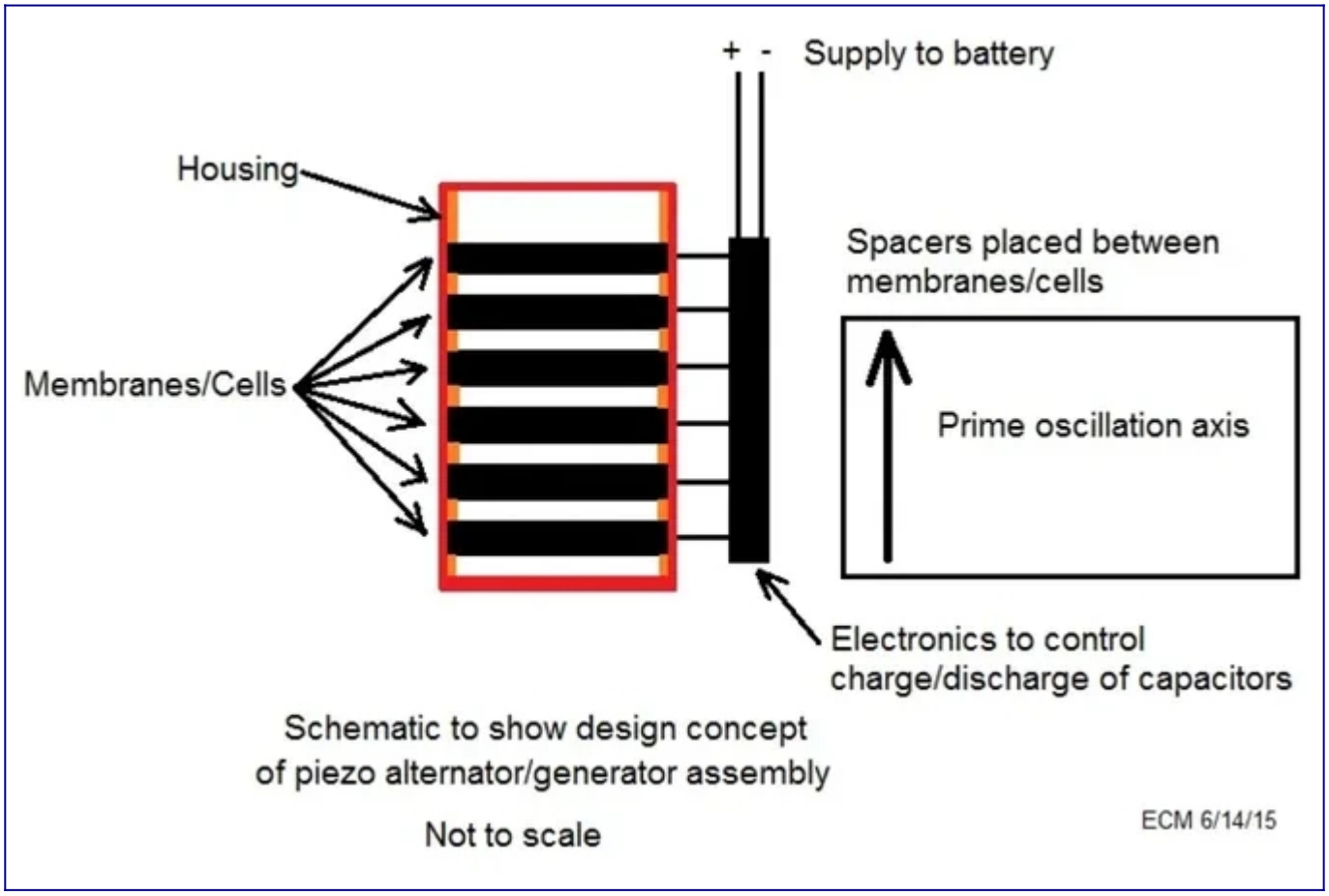
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Dec 2025
Replying to @BrandonFugal @Daniel_T_Flint
In 1950-51 a USAF AFRL Engineer installed a Momentum Wheel for Command & Control of the Attitude and Orientation, in NAZI War trophy Saucer Shaped antigravity craft. (They were death traps, no Attitude and Control System) (Akin to Flying a ballon in a thunderstorm) (These Momentum wheels are used today on Satellites and to GRIFT money from rich nice people.) When piloting the old NAZI models, You had to wait randomly, while spinning like a Helium Balloon, waiting for the direction of desired travel to come into the forward Window. then hit a button to go forward, at incredible speed. Before the installation of the Momentum Wheel, to hold Orientation during their weightless operations. Then Roll about the axis for reorientation. The NAZI MODELS never where still till they landed. There are 2 Foo Fighter on Cut Away trainer Display in a military

Facility near Sandia Mountain. The Spherical Fuselages were made of Phenolic, about 2-inch wall thickness, Some type of polycarbonate plastic window, that yellows with age. (Not a FAA certifiable window plastic.) (Russian MIR reentry Vehicles were very similar in construction but better engineering.) The NAZI understood Physics enough to know, all you need to do to achieve antigravity was geometric opposing High Voltage, Low Frequency, engineered signal pattern that would rides in the skin effect. Pushing the surrounding adiabatic Media Interfacial Surface off the fuselage to form a faint moving MESOSCOPIC vacuum layer of Oscillating ION and Electrons of various temperature. The display FOO Fighter has 2 square wood box model T ignition transformers ran off a signal generator. FOO Fighters were a good design after the installation of the Momentum/Inertial. Those models used super heat saturated IONIZED Helium Gas released in small <1mm ports. Upon release the Helium cools and pulls the vehicle, inertia less (from Field) Weightless (from interrupting surrounding medias interfacial nuclear force tensors. Antigravity is fully in the books.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Dec 2025
Replying to @squirrelgonenu1 @AshtonForbes
Nature teaches studious Humans, Electricity is Free. It cost nothing the watch massive lightning Strikes in a Gigawatt Electrical Storm. DOD/DOE antigravity vehicles use Solid State Alternator technology. The devices have a Czochralski (SINGLE PLANE) Bed grown Epaxial (Stochastically Induced Grain Orientation) Monolithic ELECTRET Crystals. No Fancy GRIFTER Fusion power supply. (1940's Crystal Diffraction Science. Some Crystals are Conductive along one grain, and some must be hated to bring in conduction. Some Crystals are conductive on 2 Planes, where principals of thermal ionic heating apply. GRIFTER engineered Fusion Power supplies are more engineered for facilities. The Grown Crystals have layered construction. Growth is made slightly Porus with 10 to 50 nm meters per layer of differing high purity Pure Metals. Most SSA Crystals I saw were 1950's manufacture, Department of Energy construction and manufacture. I ran the USAF

EE depot modernization program for this series of units. These Solid-State Alternators were rated 1500-watt, 3500 watt and 5000-watt models. Whole unit is 26.5x14.2x9.0 inches, weighing approximately 60, pounds. Crystal size determined output. These units are on 22 Satellites used by USAF. They are engineered to fully replace space rated Plutonium based Nuclear thermoelectric Generators. The Crystals Nuclear arrangement is a Cubical Lattice with a tendency to funnel collected electrons out of one end point. The other end has a high Voltage low power 400Hz power supply, continuously Spiking on the surface. When a tiny electrical spark is SHOCKED into the Input End, the Output end generates a moderate high current pulse. What happens in the Crystals internal Nuclear Structure is, the NONLINEAR SHOCK efficiently displaces all Free and lightly Bonded electrons from the Lattice Crustal Structure. They flow out fast because of Porosity and grain Electrets. Outward ELECTRON flow is unrestricted, Electron Refill is engineered. The Free Electrons flow in fast & cooler, (Formerly) lightly bonded Electrons refill, but collect in a bunched cluster at the output end, where lots of heat also comes out of the output end. The Monolithic Crystals Grain is orientated to flow electrons to the output point. You can get output by tapping. (Tech Word is ACOUSTIC NUCLEAR PIZEOLECTRICS) The internal Nuclear Lattice is a resonate electron-Electron (Beta formation) collisional Betatron Generator. With funnels shaped grain. The techniques these devices use to generate the output is in textbooks, Just not understandable by arrogant armchair physicist. The electron come out like a Funneling Pachinko Game. Heat will cause output. Output is collected as HV DC and routed to Battery's. When Batteries are charged the system has to be loaded. (I prefer inertial wheels to Ballast Resistor) Russians competing technology was the RADIOISOTOPE PIEZOELECTRIC GENERATOR. en.wikipedia.org/wiki/Radioi…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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17 Dec 2025

Replying to @Perpetualmaniac

A critical understanding for DOD/DOE antigravity engineers is LATTICE BOLTZMANN Modeling of "LATTICE CONTINUA". Standard textbook is Lev Landau's ELECTRODYNAMICS of CONTINIOUS MEDIA. aldebaran.cz/studium/books/1…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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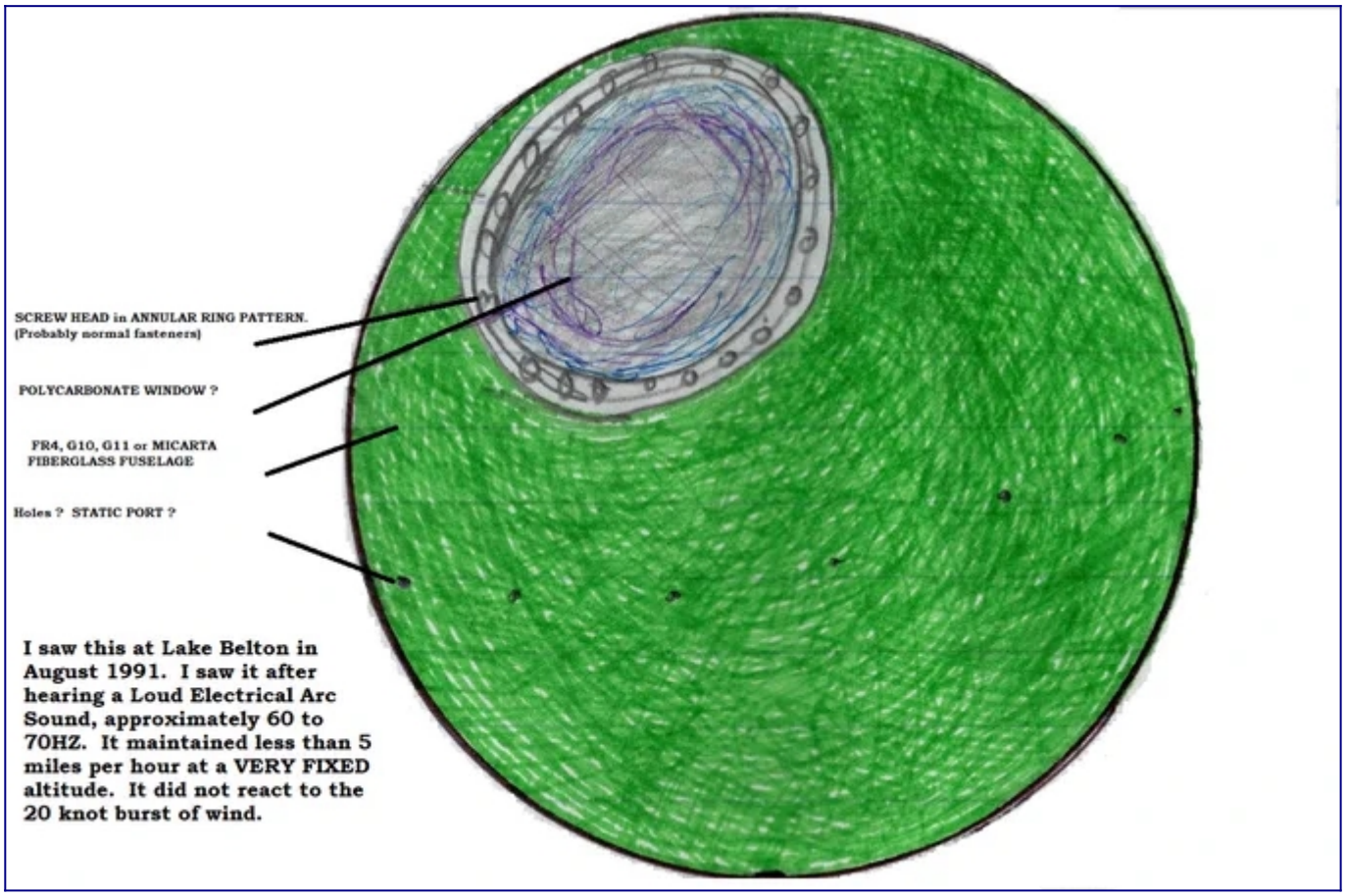
7 Dec 2025

Replying to @UAPDr @GoodTroubleShow @mbattista25

I believe you are seeing FCFs of this current DOD/DOE production models. Latest production model from a 50 year+ production and Engineering improvement program. This model used O2 collisional and low pressure from small annular combustion/modulation chamber. End fir antenna had Plutonium thermal spray.



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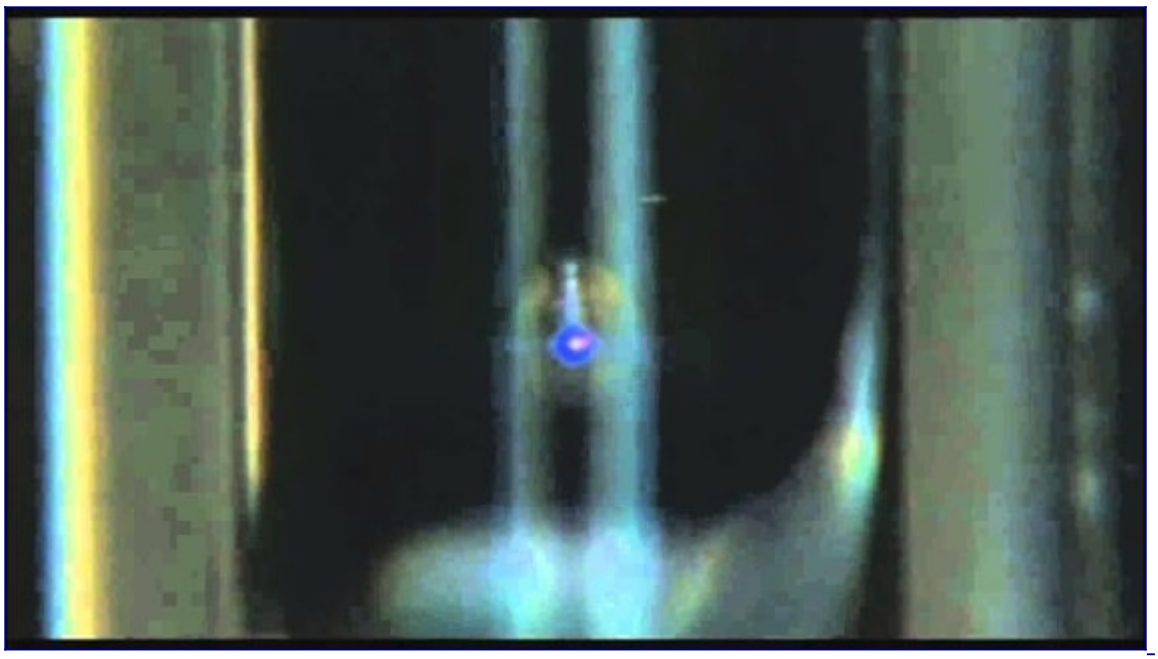
3 Dec 2025

Replying to @Paulb83209791

Sonoacoustic Cavitation causes, Deuterium-Spectral Flash in water. youtu.be/watch?v=O9B3vzsZ…



Sonoluminescence

Sonoluminescence can occur when a sound wave of sufficient intensity induces a gaseous cavity within a liquid to collapse quickly. This cavity may take the f...

youtube.com
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1 Dec 2025
Replying to @THC_cannabis012 @BrandonFugal
In the real DOD/DOE programs, the use of words like "Space-Time", "Warp Drive", "Black-Hole" reveals a tremendous lack of knowledge.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
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Universal relations between thermoelectrics and noise in mesoscopic transport across a tunnel junction. arxiv.org/abs/2508.05413

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Structural Characteristics of Ion Holes in Plasma. researchgate.net/publication…

Structural Characteristics of Ion Holes in Plasma

Harikrishnan Aravindakshan [1], Amar Kakad [1,*], Bharati Kakad [1] and Peter H. Yoon [2]

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[2] Institute for Physical Science and Technology, University of Maryland, College Park, MD 20742, USA; yoonp@umd.edu
* Correspondence: amar.kakad@iigm.res.in

Abstract: Ion holes refer to the phase-space structures where the trapped ion density is lower at the center than at the rim. These structures are commonly observed in collisionless plasmas, such as the Earth's magnetosphere. This paper investigates the role of multiple parameters in the generation and structure of ion holes. We find that the ion-to-electron temperature ratio and the background plasma distribution function of the species play a pivotal role in determining the physical plausibility of ion holes. It is found that the range of width and amplitude that defines the existence of ion holes splits into two separate domains as the ion temperature exceeds that of the electrons. Additionally, the present study reveals that the ion holes formed in a plasma with ion temperature higher than that of the electrons have a hump at its center.

Keywords: methods; analytical; plasmas; waves; turbulence; acceleration of particles

check for updates

Citation: Aravindakshan, H.; Kakad, A.; Kakad, B.; Yoon, P.H. Structural Characteristics of Ion Holes in Plasma. *Plasma* **2021**, *4*, 455–469. https://doi.org/10.3390/plasma4030032

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1. Introduction

Solitary wave structures are commonly observed in space, astrophysical and laboratory plasmas [1–9]. From the kinetic perspective, these structures are characterized as Bernstein Greene Kruskal (BGK) modes [8,10]. Charged particles will get trapped inside such structures depending on the polarity of wave electrostatic potential and the corresponding sign of charged particles [11]. These solitary wave structures are referred to as ion or electron BGK mode depending on the type of trapped particle species. As the phase-space equilibrium for these modes is characterized by a vortex-type structure, they are also called the ion or electron holes. The ion holes (IHs) are associated with the negative monopolar potential [12], whereas the electron holes (EHs) are associated with the positive monopolar wave potential [13,14]. In-situ observations in the Earth's magnetospheric regions of bipolar coherent electric field with negative mono-polar potential are indications that IHs are present in such a vicinity [3,7,15]. The Viking satellite [15] first observed the signatures of IHs, followed by the later more frequent detection by FAST satellite [3].

Schamel developed the theoretical models to study the IHs [16–18]. Unlike the classical approach, the authors assigned a vortex type distribution to the trapped particles. The integration of both trapped and passing distribution functions in velocity space yields the total charge density as a function of electrostatic potential. The potential is further calculated self-consistently from the Poisson equation. Schamel's theory places a rather stringent condition on the ion-to-electron temperature ratio for the generation of ion holes [19], but this approach is not well suited to model the observations as the satellite data are not always consistent with such a theoretical prediction. It thus appears that the classical BGK approach is more suitable as it is free from the restriction on the said temperature ratio.

(PDF) Structural Characteristics of Ion Holes in Plasma

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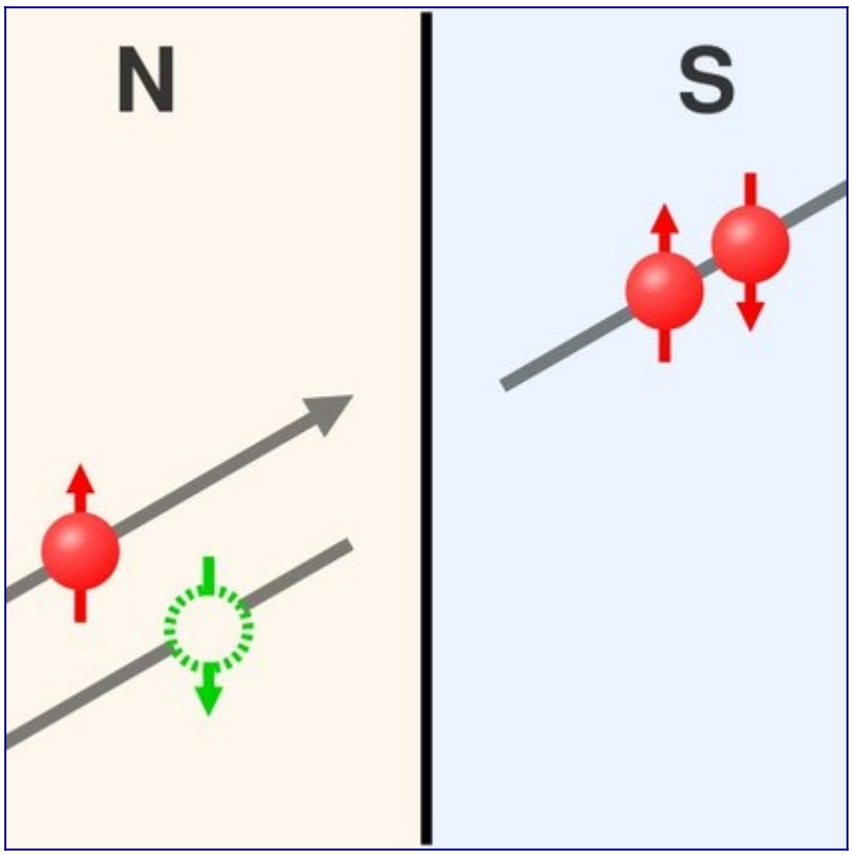
Ion-Acoustic Wave Reflection at Sheath Edge is also called, Andreev Reflection, or Reflections that cause Electron Transport, via hole/vacancy creation. en.wikipedia.org/wiki/Andree…



Andreev reflection - Wikipedia

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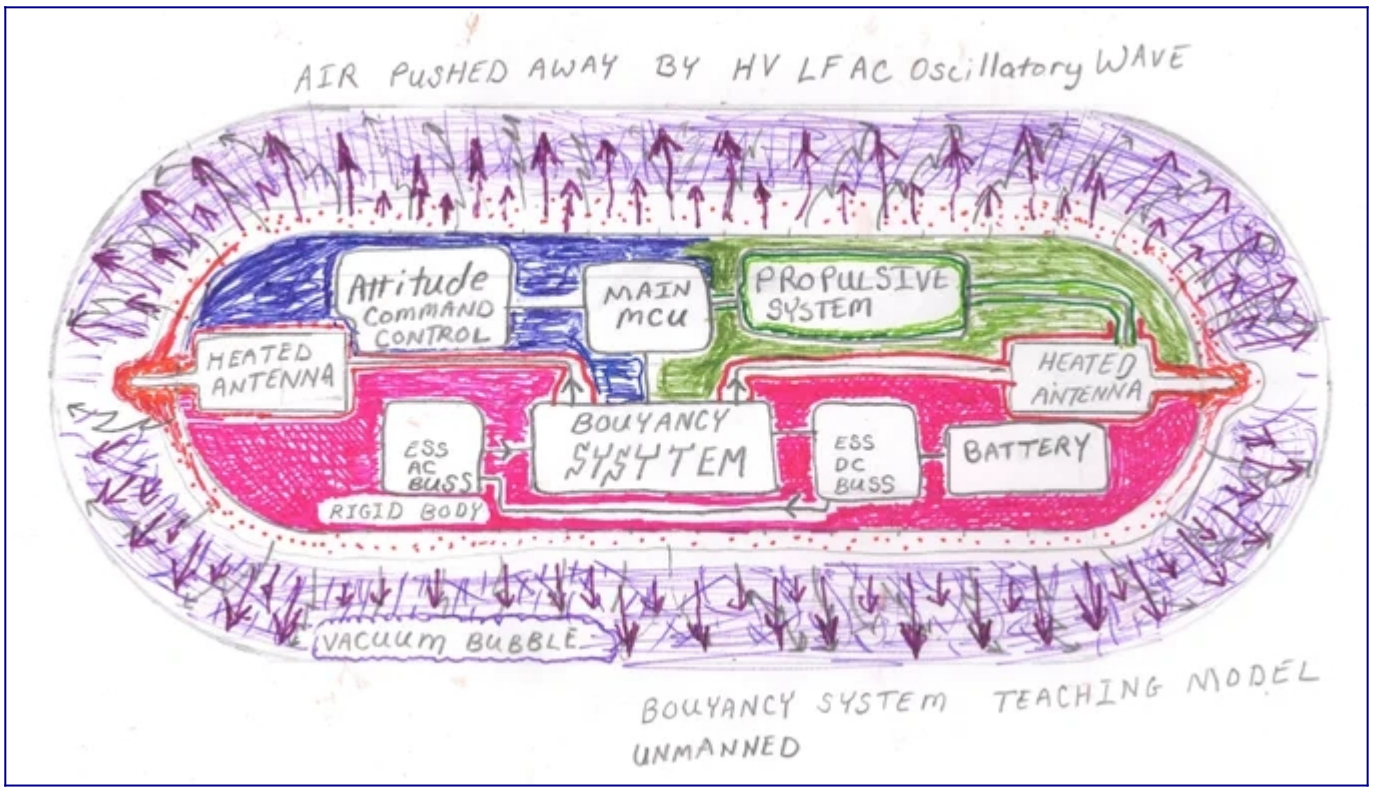
Everything in the Universe is in Motion. Nothing, in the universe is, NOT in Motion. The Universal Cosmic "Moving" Thermal Background is the cause of Blackbody Heat Radiation in a Vacuum. The Universal Cosmic Thermal Background is the source of RF Thermal Noise, in the coldest circuits mankind can build a Bridge to. The Universal Cosmic Thermal Background rides the Coulomb Drag of the ever-penetrating hydrogen Ion. Mankind's strongest engined vacuum chambers cannot stop Hydrogen from gassing through the walls of the container. In a Vacuum, the Hydrogen ION's MAXWELL-BOLTZMANN-DEBYE-GREEN-COULOMB's screening length is the suppressive (Inductive) force that actually chokes an electrons velocity to be lower than the speed of light. (new age C, not GROUP VELOCITY CORRECTED c) To go Faster than the Speed of Light, you must, engineer a Spacecraft that removes the suppressive force of the Hydrogen Ion, with methods that lower the physical Debye-Coulomb Interfacial pressure on the laminar surface of the antigravity spacecraft, by pushing the universe away with only Super Heat-Saturated electrons. The applications & methods, utilizing a standing WAVE/WAKE ISENTROPIC Plasma Vacuum, that lowers the pressure to be lower than found in deep space. A King Air 350 sized vehicle utilizing this technology would cost approximately $150 million. en.wikipedia.org/wiki/Coulom…



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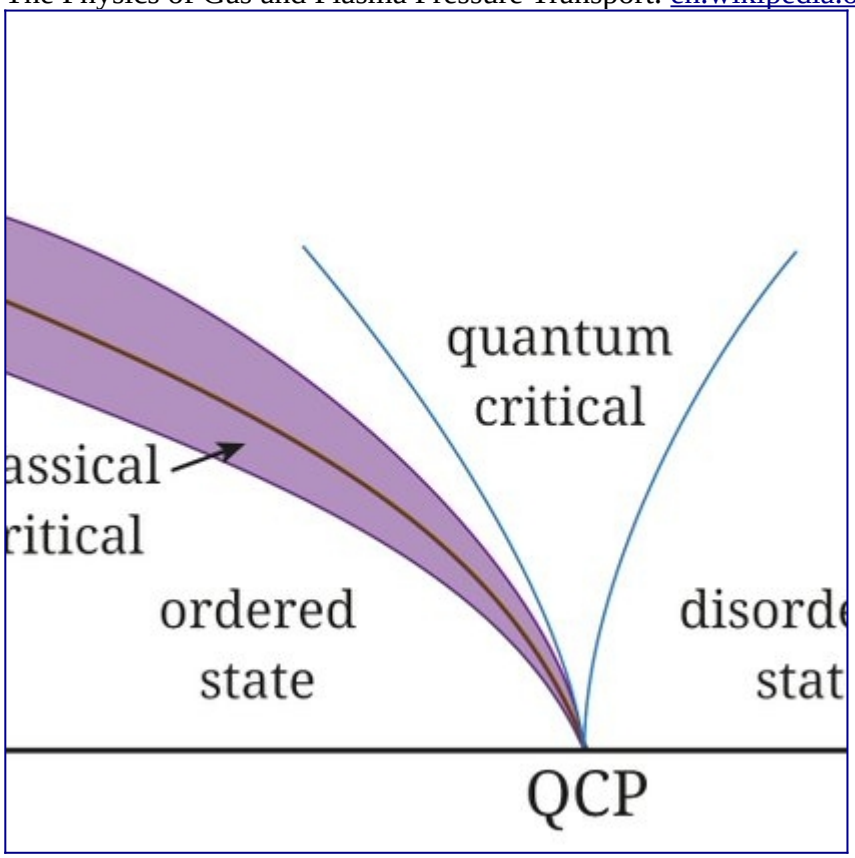
All of what people claim to be hidden physics is found in the study of MESOSCOPIC PHYSICS- The Physics of Gas and Plasma Pressure Transport. en.wikipedia.org/wiki/Mesosc…



Mesoscopic physics - Wikipedia

en.wikipedia.org

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All High Level Differentials can be placed into 2 GRAND Empirical Elements. MAPPING (Vectors & Harmonics) or PROBABILITY.

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Introduction to ALFVEN WAVES RODNEY CROSS - 1988

8. ALFVEN SURFACE WAVES

Consider the situation shown in Fig. 8.1 where a uniform plasma occupies the space $x < 0$, a vacuum exists in the region $x > 0$ and a uniform magnetic field **B** exists in the z direction.

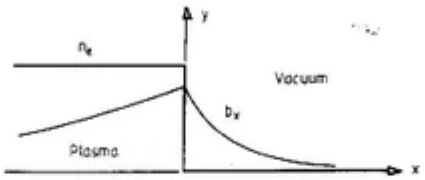


Fig. 8.1 Wave propagation at a plasma–vacuum boundary.

Suppose that a compressional wave is incident on the boundary surface. By analogy with the optical problem of transmission at a glass–vacuum interface, one might expect at least some reflection of the compressional wave. There is no refracted Alfven wave, since a vacuum cannot support an Alfven wave. But neither is there a reflected wave, at least in ideal MHD. The wave fields in a vacuum are normally described with finite displacement current in Maxwell's $\nabla \times \mathbf{b}$ equation. In the case shown in Fig. 8.1, the fields in the vacuum are created by currents in the plasma. The displacement current is negligible at low wave frequencies, both in the plasma and in the vacuum. As a result, the behaviour at a plasma–vacuum boundary is quite different from the behaviour at a glass–vacuum boundary.

For example, if we attempt to apply Snell's law, in the form

$$\frac{\cos\theta_2}{\cos\theta_1} = \frac{v_{A2}}{v_{A1}}$$

then we are in trouble, since $v_{A2} = \infty$ in the vacuum, implying that $\cos\theta_2 = \infty$. Snell's law, in this form, yields a sensible result only if there is a small density jump across the boundary. In optics, the condition $\cos\theta_2 > 1$ corresponds

to total internal reflection of the incident beam, the refracted beam being evanescent. However, Snell's law, in the form given by equation (7.2), is always valid. As shown below, application of (7.2) at the plasma-vacuum boundary yields a surface wave solution. The wave fields decrease exponentially on *both* sides of the boundary, as shown in Fig. 8.1. In other words, the wave fields are evanescent not only in the vacuum, but also in the plasma.

Within the plasma, the compressional wave dispersion relation $\omega = kv_A$ can be expressed in the form

$$k_x^2 = \frac{\omega^2}{v_A^2} - k_y^2 - k_z^2 \tag{8.1}$$

It turns out that k_x^2 is negative for the situation shown in Fig. 8.1. Under these conditions, the wave is evanescent in the x direction but propagates in the y and z directions along the surface, with $k_y^2 > 0$ and $k_z^2 > 0$. The wave fields in the plasma are given by equation (3.11);

$$b_{zp} = b_p e^{i(k_x x + k_y y + k_z z - \omega t)} \tag{8.2}$$

$$b_{xp} = -\left(\frac{k_x k_z}{k_\perp^2}\right) b_{zp} \quad \text{where} \quad k_\perp^2 = k_x^2 + k_y^2 \tag{8.3}$$

The vacuum fields can be derived either from Maxwell's equations, ignoring the displacement current, or from the above results by setting $v_A = \infty$. Since k_z and k_y in the vacuum have the same values as those in the plasma (but k_x is different, as described in Chapter 7),

$$\omega^2/k^2 = v_A^2 = \infty \quad \text{or} \quad k^2 = k_{xv}^2 + k_y^2 + k_z^2 = 0$$

$$\therefore \quad k_{xv}^2 = -K_v^2 = -(k_y^2 + k_z^2) \tag{8.4}$$

Since $k_\perp^2 = -k_z^2$ when $k^2 = 0$, the vacuum fields are

$$b_{zv} = b_v e^{-K_v x} e^{i(k_y y + k_z z - \omega t)} \tag{8.5}$$

and

$$b_{xv} = \frac{k_{xv}}{k_z} b_{zv} \tag{8.6}$$

where $k_{xv} = +iK_v$ in (8.5) since the vacuum fields must vanish at $x = \infty$. The $\exp(+K_v x)$ solution is therefore excluded. Since b_x and b_z are continuous at the $x = 0$ boundary,

$$b_v = b_p \quad \text{and} \quad k_x k_z^2 = -iK_v(k_x^2 + k_y^2) \tag{8.7}$$

Combining (8.1), (8.4) and (8.7), we obtain

$$(\omega^2/v_A^2 - k_y^2 - k_z^2)k_z^4 = -(k_y^2 + k_z^2)(\omega^2/v_A^2 - k_z^2)^2$$

which simplifies to

$$\frac{\omega^2}{k_z^2} = \left[\frac{2k_y^2 + k_z^2}{k_y^2 + k_z^2}\right] v_A^2 \tag{8.8}$$

From (8.1) and (8.8), $k_x^2 = -k_y^4/(k_y^2 + k_z^2)$, which is obviously negative when k_y^2 and k_z^2 are positive. Equation (8.8) therefore describes a surface wave in which the wave fields decay exponentially either side of the surface. If $k_y \gg k_z$ then $\omega/k_z = \sqrt{2}v_A$. The wave propagates along **B** at $\sqrt{2}$ times the Alfven speed when $k_y \gg k_z$ or at the Alfven speed when $k_y \ll k_z$.

The b_x/b_z ratio in the plasma, from (8.3) and (8.7), is

$$\frac{b_{xp}}{b_{zp}} = \frac{iK_v}{k_z} = i\left[1 + \frac{k_y^2}{k_z^2}\right]^{\frac{1}{2}} \tag{8.9}$$

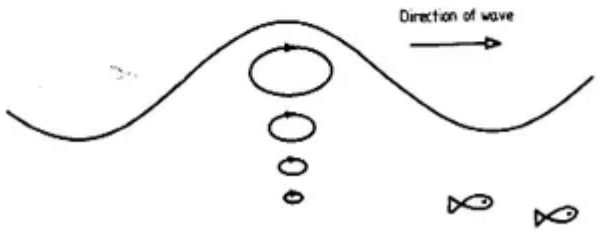
For most laboratory conditions, $k_y \gg k_z$ so $b_{zp} \ll b_{xp}$ from (8.9). From equation (3.11), $\nabla\cdot\mathbf{v} = i\omega b_z/B$ so there is only very slight compression of the plasma by the surface wave (WENTZEL, D10). The surface wave therefore has physical properties similar to those of the torsional wave. However, from the above analysis, it is clear that surface waves result from the propagation of a compressional wave along the surface.

In Section 9.2 we will examine surface waves in cylindrical geometry. Unlike conventional waveguide modes, surface waves in a cylindrical plasma do not experience waveguide cutoff and will therefore propagate at frequencies well below the conventional cutoff frequencies. This feature is very important for the Alfven wave heating scheme. The presence of a vacuum is not essential. Surface waves will

also propagate if the vacuum is replaced by a low density plasma or if a low density plasma region separates a high density plasma region from a metal wall (D5). The important feature is the surface. The surface itself need not be infinitely steep, since surface waves will propagate at any boundary provided the thickness of the boundary is much smaller than the wavelength in a direction perpendicular to the boundary.

A feature of the Alfven surface wave which has yet to be investigated is the sensitivity of the wave to imperfections in the surface. If it behaves like an acoustic surface wave in a solid it may be extremely sensitive. A strip of adhesive tape placed on a solid surface will damp the surface wave almost completely. The Alfven surface wave is, however, different in one important respect. Real plasmas do not have sharp boundaries. Due to the density gradient, there will generally be a surface within the plasma where the surface wave phase velocity is equal to the local Alfven speed. This leads to Alfven resonance damping of the surface wave, as described in Chapter 14. Imperfections in the surface are therefore unlikely to have such a dramatic effect as that observed in acoustic surface waves.

SPACE FILLER



The motion of a particle in a water wave is an ellipse as shown in the diagram. Is this a good picture of an Alfven surface wave?

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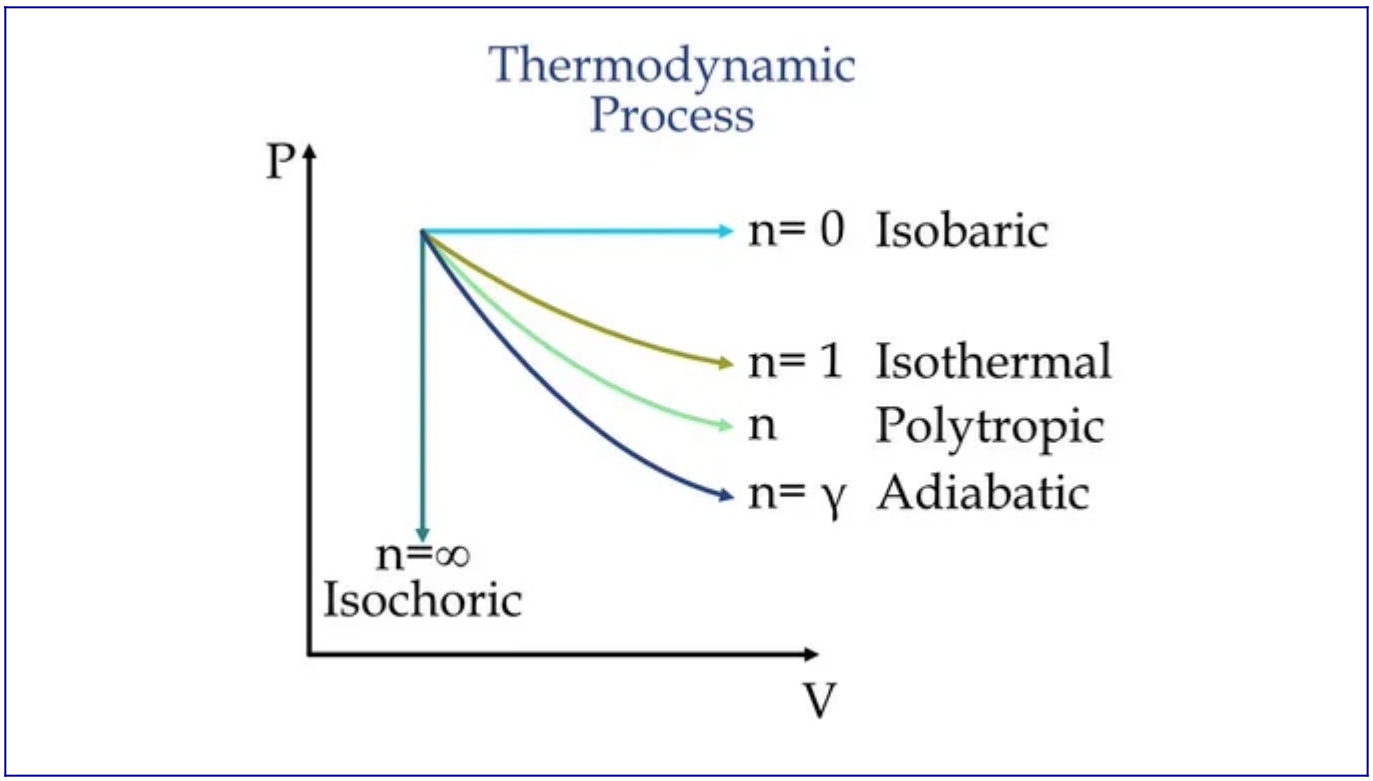
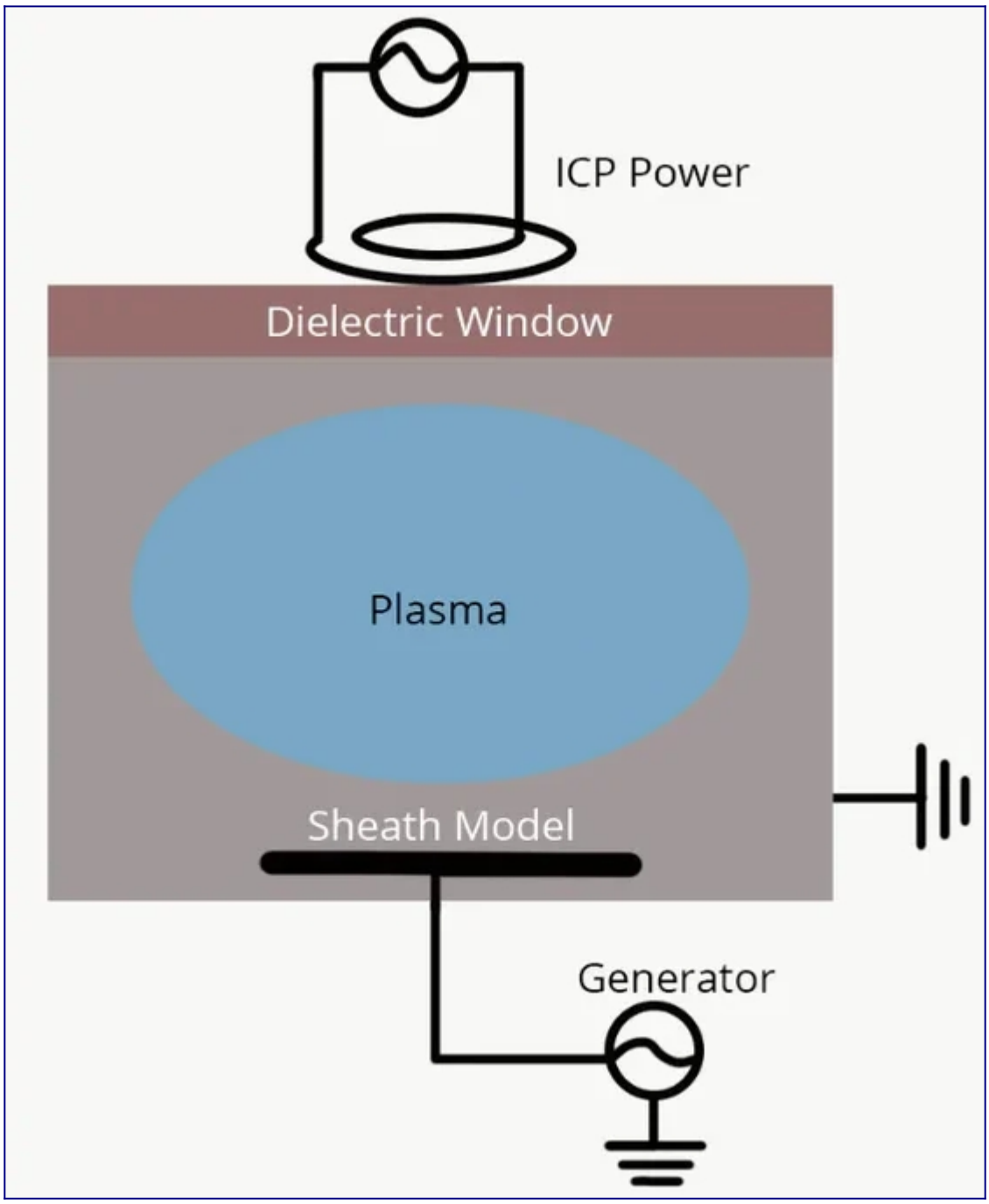
17 Nov 2025

In plasma physics, INSENTROPIC PROCESS models of nonlinear/Shock, Kinetic Alfvén Waves, KAWs) (Aka, Inertial Alfvén Waves, IAWs), in magnetized plasmas, refers to the adiabatic (reversible expansive or contractive) evolution of pressure during the formation and propagation of solitary GAS/PLASMA structures (solitons). Role of Isentropic Process Models often assume an isentropic equation of state, $p \propto \rho^{\gamma}$ (or equivalently p / n^{γ} = constant for particle density n), to close the fluid equations and capture nonlinearity. This arises from density compression/rarefaction in the soliton (often a density cavity or hump coupled to magnetic field perturbations). Without modeling INSENTROPIC PROCESSES (or similar nonlinearities like Shock induced ponderomotive force), Linear Alfvén waves in ideal MHD are incompressible and do not form solitons. The effective adiabatic index γ varies by context: - $\gamma = 5/3 \rightarrow$ For 3D isotropic

compression (common for ions or bulk plasma in some MHD-derived models). - $\gamma = 3$ → For effectively 1D compression along strong magnetic field lines (common for electrons in low-β plasmas, as degrees of freedom are restricted parallel to B_0; electrons behave like a 1D gas). - Other values → Appear in dusty plasmas (e.g., $\gamma = 3$ for dust grains providing adiabatic thermal pressure) or mixed cases. This Isentropic Assumption leads to equations like the Korteweg-de Vries (KdV), modified KdV (mKdV), or derivative Nonlinear/Shock Schrödinger (DNLS) equation, which model Soliton Solutions. The Adiabatic Pressure Influences Soliton Amplitude, Width, and Polarity. (Volumetric rarefactive or volumetric compressive). In dust-contaminated or electron-depleted plasmas, adiabatic dust pressure reduces soliton amplitude in higher-order (mKdV) cases. In many auroral/space plasma models of kinetic/inertial Alfvén solitons, electrons provide the parallel pressure response with $\gamma \approx 3$ (adiabatic/isentropic parallel dynamics), while dispersion comes from Finite Ion Gyroradius (kinetic) or electron inertia (inertial regime in low-β plasmas). The lower hybrid frequency, (ION Hybrid) ($\omega_{LH} \approx \sqrt{(\omega_{ci}\,\omega_{ce})}$ in typical space plasmas where $\omega_{pe}^2 \gg \omega_{ce}^2$, with ω_{ci} = Ion Cyclotron frequency and ω_{ce} = electron cyclotron frequency) marks a key boundary: - At frequencies $\omega \ll \omega_{LH}$ (low-frequency regime) — Both ions and electrons are magnetized, allowing coherent Alfvén wave propagation with fluid-like (including isentropic) response possible in nonlinear extensions. Near or around the Lower Hybrid Frequency, ω_{LH} — Ions become effectively unmagnetized while electrons remain magnetized, changing wave character (e.g., to lower hybrid waves, which are more electrostatic and short-perpendicular-wavelength). Modulational instabilities or Reynolds stress/ponderomotive forces from lower hybrid waves ($\omega \approx \omega_{LH}$) can drive slow density modulations, leading to the formation of inertial Alfvén solitons. Intense lower hybrid wave packets generate large-scale Alfvén solitons via nonlinear forcing. - Kinetic/inertial Alfvén solitons themselves operate at $\omega \ll \omega_{ci} \ll \omega_{LH}$, but their short perpendicular scales ($k_\perp \lambda_e \sim 1$ or $k_\perp \rho_s \sim 1$) can excite or couple to lower hybrid modes, or the dispersive effects enabling soliton formation are active up to scales/frequencies approaching lower hybrid resonance in oblique propagation or high-$k_\perp$ limits. The Isentropic Process provides the Nonlinearity needed for Alfvén Soliton existence in fluid/MHD-based models (especially adiabatic electron pressure with $\gamma = 3$ in low-β cases), while the lower hybrid frequency delineates the regime where such Alfvénic structures remain valid versus transitioning to/coupling with lower hybrid waves (via instabilities or forcing).



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2025
Replying to @AshtonForbes @ashtonforbes
Use the words, "SHOCK INDUCED REFLECTION INSENTROPIC FIELD REVERSE CONFIGURATION" Pumping up a Vacuum Bubble with Electrons, shoving out the Ions.
youtu.be/watch?v=K2A5gdRO…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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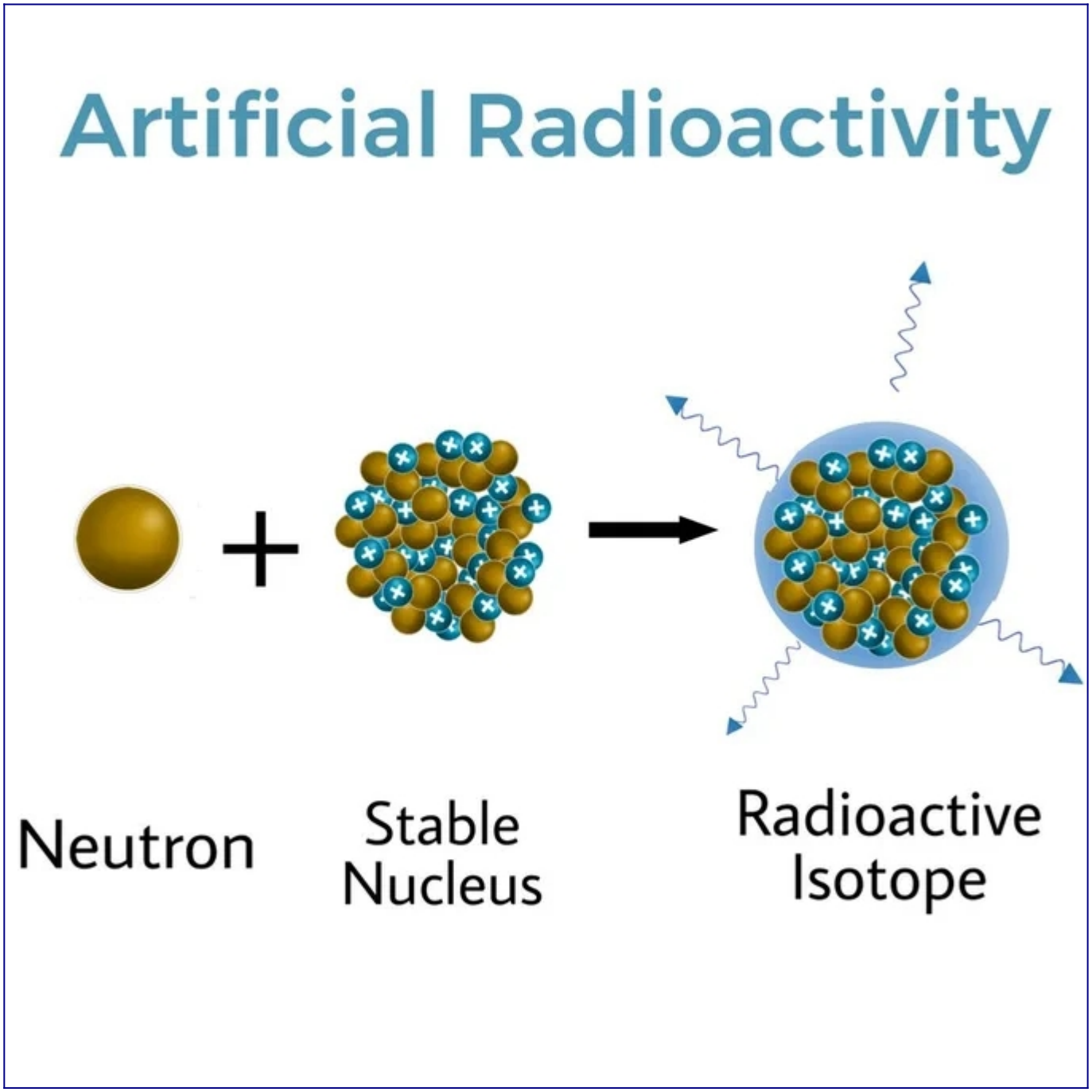
17 Nov 2025
Early Stealth Studies. RADAR CROSS SECTION of Piper Cherokee 140.
apps.dtic.mil/sti/tr/pdf/AD0…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2025
Replying to @AshtonForbes @ashtonforbes
The current unspoken fear in Nuclear weapons engineering is Artificial INDUCED Nuclear Combustible Material. DOD/DOE doesn't focus it's "NUCLEAR THREAT Assessment" ANALYTICS on INDUCED NUCLEAR MATERIAL. Russia has a major Artificial Nuclear INDUCED Material Production line. (Leaking Xenon 131 constantly) This engineering operation is

to manufacture artificial Nuclear Combustible Weapons, whose material will pop like a conventional nuclear weapon for several weeks after manufacture. Cost per weapon is <$50,00 per megaton of pop. material must be 'FRESH PRODUCTION' due to rapid half life transition/oxidation/tunneling embrittlement. en.wikipedia.org/wiki/Induce…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2025
Replying to @H2Colby
Back in 2015, Digi key reported me to the FBI for ordering 2 Large Hamamatsu Daylight Photomultiplier Tubes for a homebrew USAF experiment.

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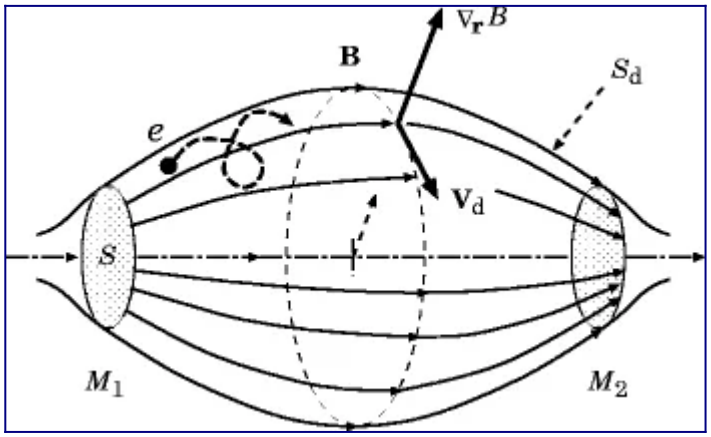
9 Nov 2025

Excellent Plasma research resource. physics.ucla.edu/plasma-exp/…

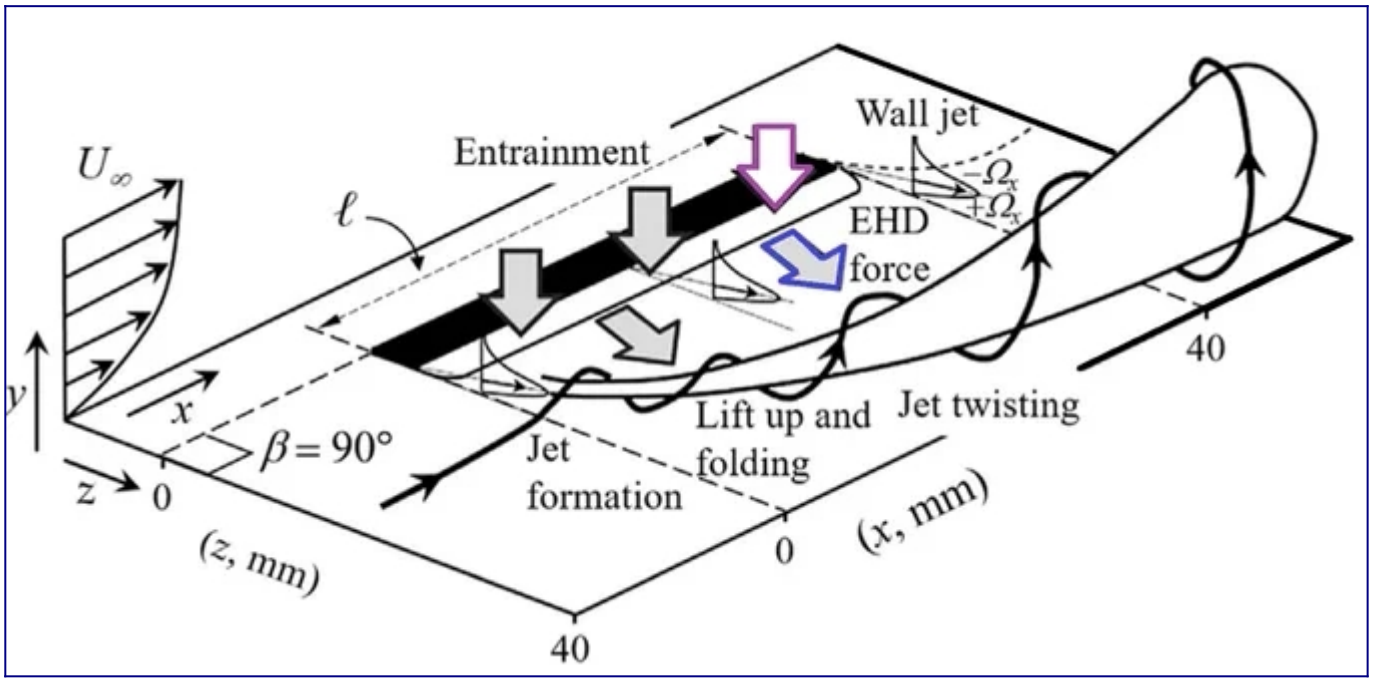
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Nov 2025

If your truly serious about Antigravity Engineering, and find some information hard to grasp, keep reading and it will become Elementary reading someday. This Article introduces a Discrete Time Modeling that is very useful in CFD. You end up doing what this paper illustrates, out of necessity in Antigravity Plasma Dynamics CFD. Quantum Adiabatic theorem for unbounded Hamiltonians with a cutoff and its application. Evgeny Mozgunov and Daniel A. Lidar
par.nsf.gov/servlets/purl/10…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
9 Nov 2025
Replying to @WisdomWalker @wisdomwalker @nic_moneypenny
From Engineering comparison to Standardized Models. The principal deficiency in this design is, it would go nowhere in deep space due to Lack of Ion Seed Gas. No Attitude control system. No Propulsive capabilities. Poor Fixing of Fuselage to Electron Lattice geometry, No real use of Ionic Coupling. Adiabatic Gas atmosphere is in "Juncture" with vehicle surface. (Ground Plane dissipation prevents real Plasma formation via efficient Landau Damping) DC only Field. In the pictured application, the Float watt efficiency can improve Buoyancy Field design by, using 2 geometrically opposing and Phase adjustable HV HF DC emitters, on top and bottom of craft, Wave Shaped from a computer-controlled signal generator. The design does not produce Soliton Alfven Waves. No removal of inertia has occurred; Nuclei are not forced into a weightless equilibrium. they are always warbling in concentricy.



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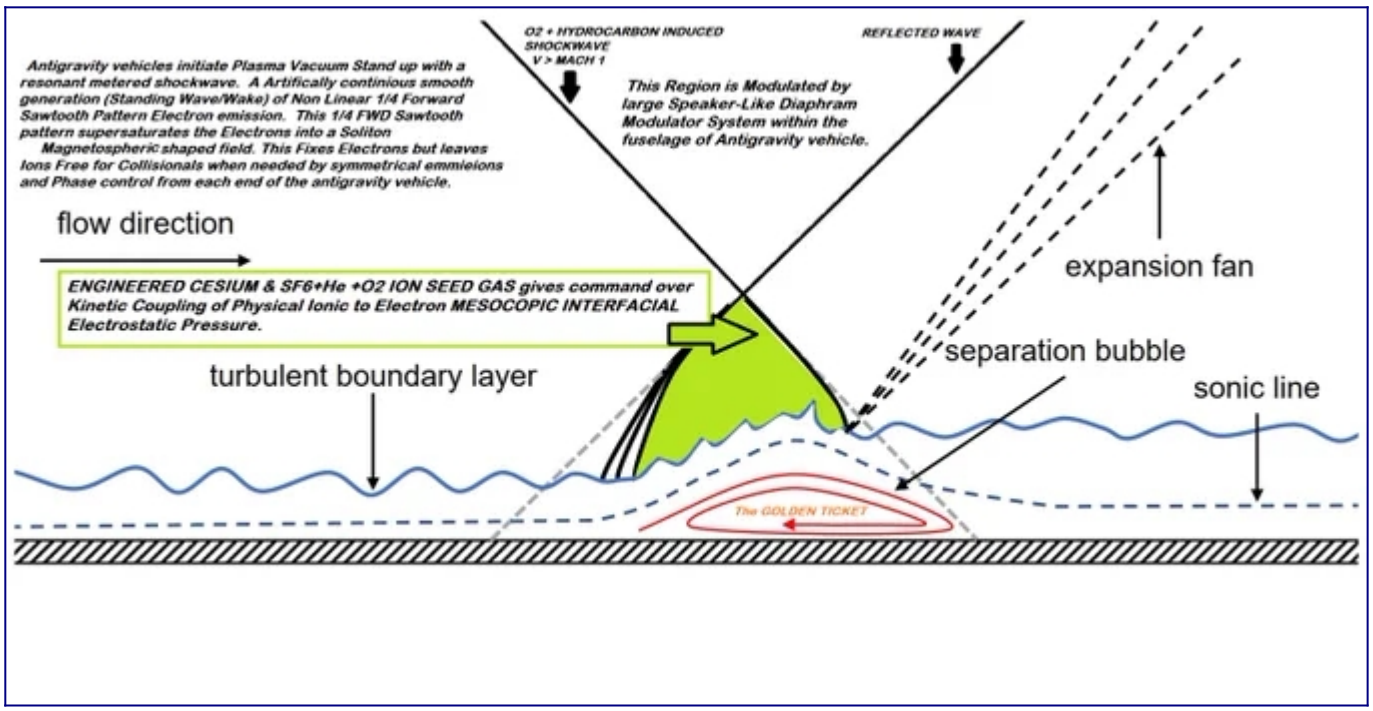

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INVESTIGATION of ELECTRODELESS PULSED PLASMA PROPULSION. (1963) AFSC
apps.dtic.mil/sti/tr/pdf/AD0…

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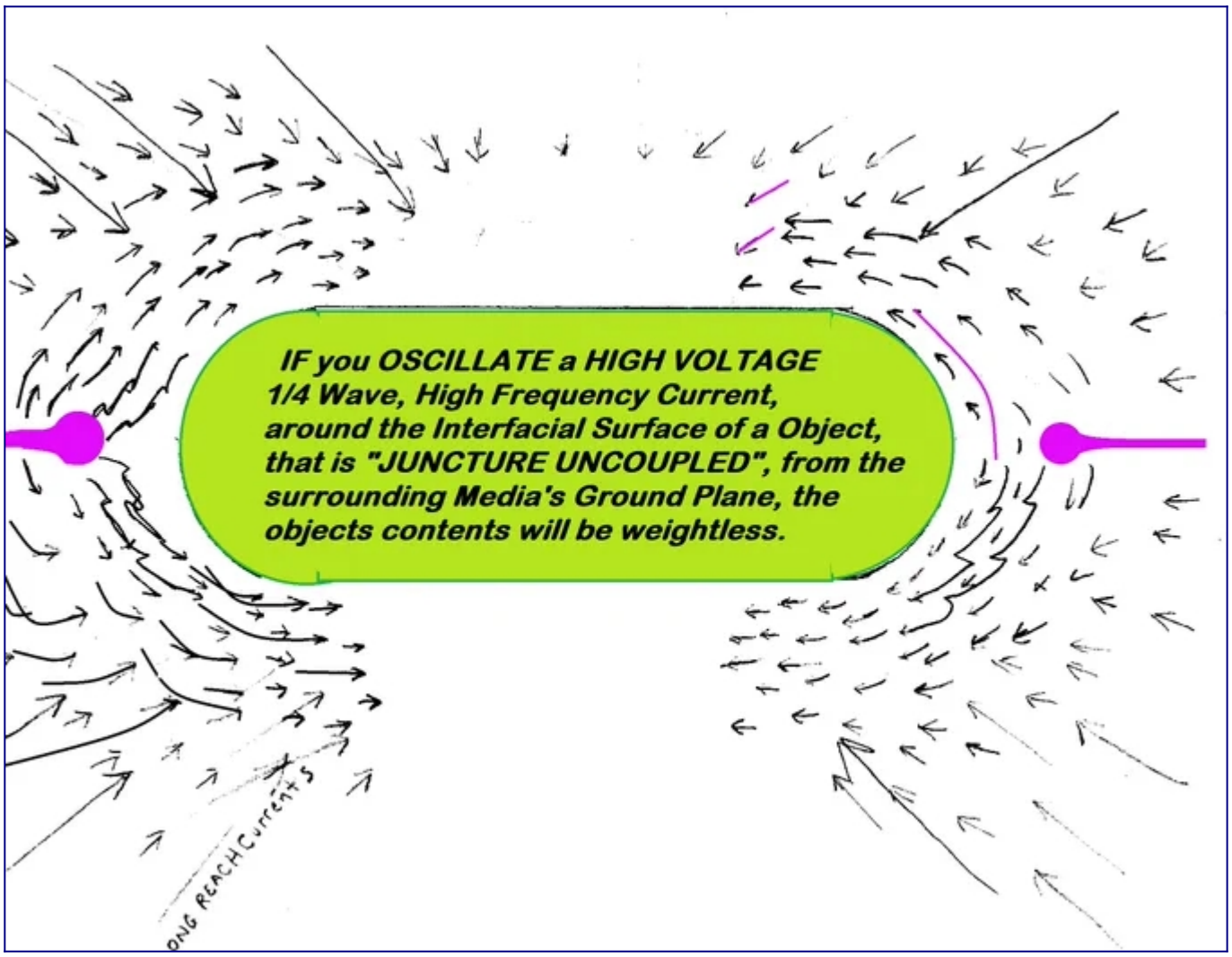

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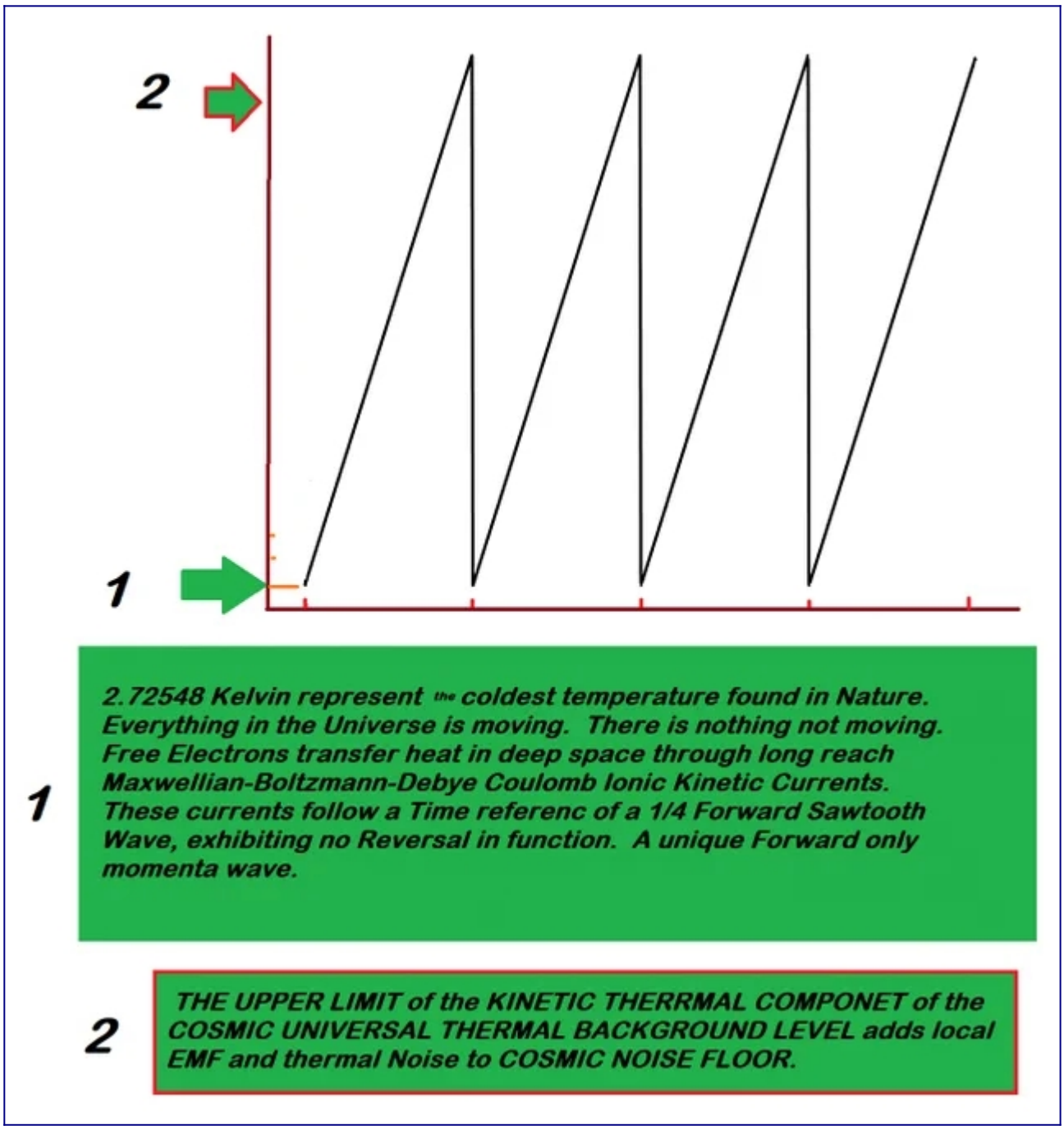

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More Antigravity Porn- slac.stanford.edu/pubs/slacp…

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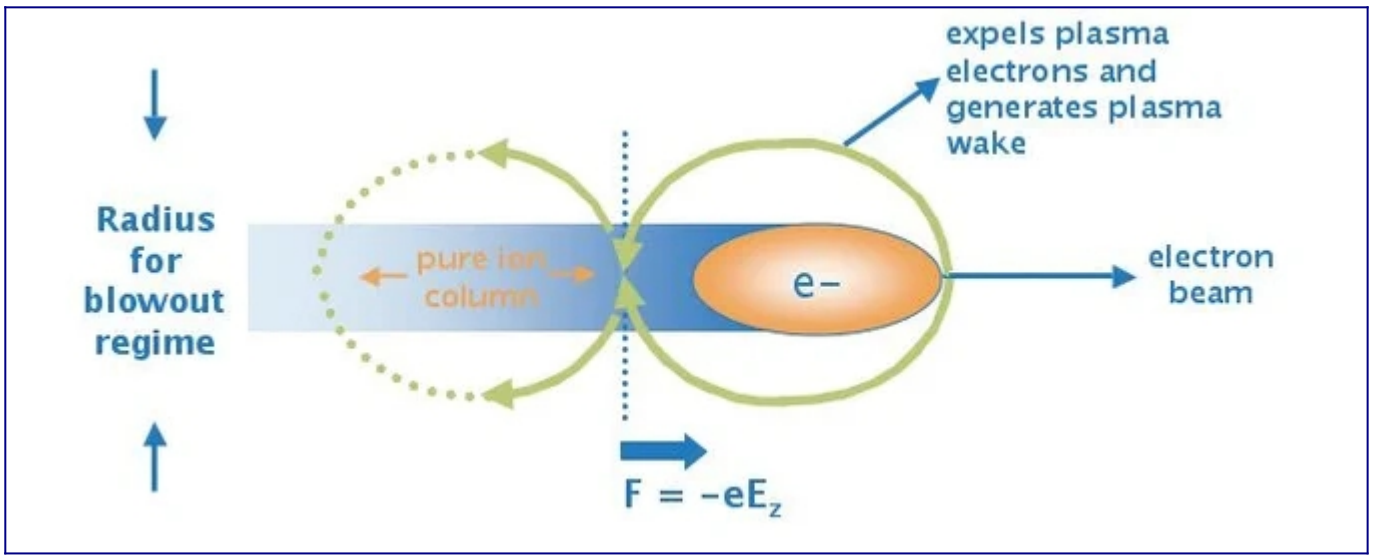
8 Nov 2025

Plasma Wake Shaping Jordon Maxwell & Hanspeter Schaub (2019) Applications and Methods of Vacuum Wake forming for establishing the Nuclear Transport Vector with Plasma Wake, to suck your spacecraft along. This physical action is similar to following the low-pressure Zone behind a Semi truck but with precision distance tied to lowest pressure zone.
hanspeterschaub.info/PapersP…



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8 Nov 2025

Fundamentals of Electric Propulsion: Ion and Hall Thrusters Dan M. Goebel and Ira Katz Study for Applications and Methods. descanso.jpl.nasa.gov/SciTec…

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8 Nov 2025

Gas-fed Pulsed Plasma Thrusters: Fundamentals, Characteristics and Scaling Laws. - Edgar Choueiri (a Plasma Scientist legend_2001) Study this for application and methods.
apps.dtic.mil/sti/tr/pdf/ADA…

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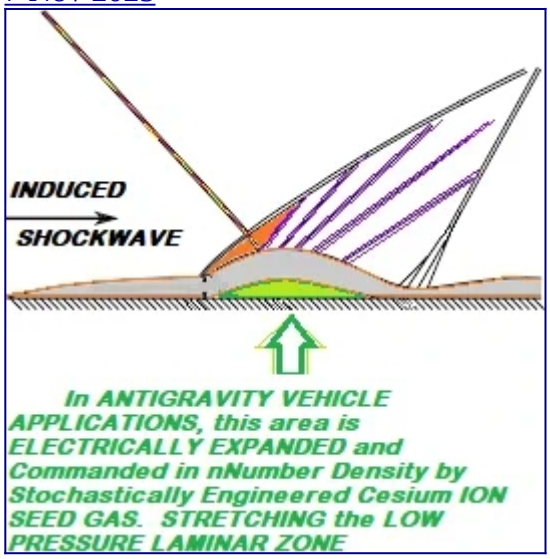
7 Nov 2025



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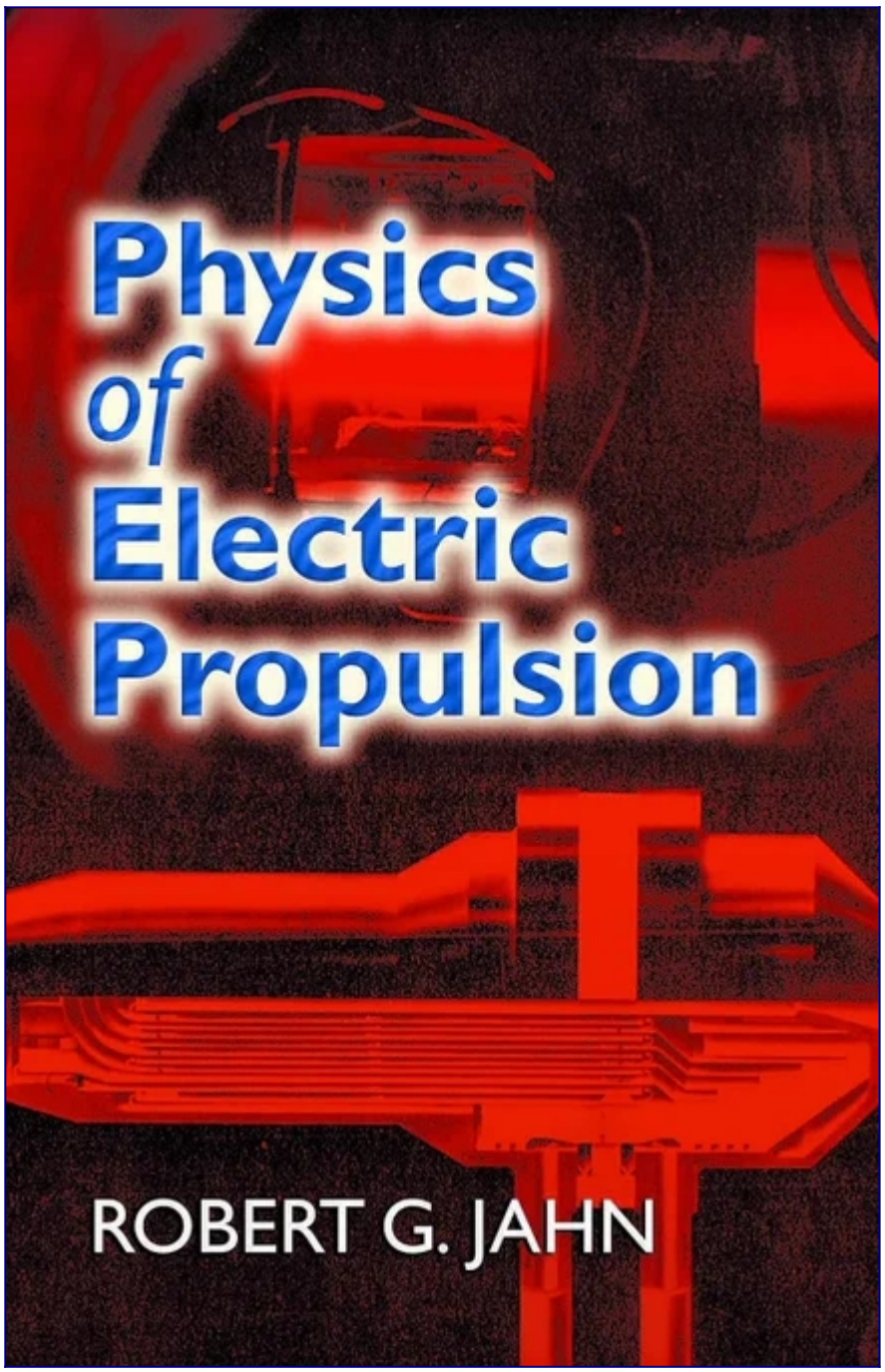
7 Nov 2025

Robert G. Jahn- PHYSICS of ELECTRIC PROPULSION Text places study emphasis on the Electric Field Component in Plasma and less on Ionic influences. The Stochastically distributed Ion Seed Gas Cloud/Field bubble techniques are pulled from other applications.
alfven.princeton.edu/publica…



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7 Nov 2025
ANOMALOUS IONIZATION STUDIES apps.dtic.mil/sti/tr/pdf/ADA…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Nov 2025
FUNDAMENTAL PROCESSES in PARTIALLY IONIZED PLASMAS. (Alleged USAF Hidden Technology, In reality a difficult Subject to Study) Look at Reference Sections and you will see the same Textbook based information the USAF/NAVY Antigravity Engineering Teams read.
apps.dtic.mil/sti/tr/pdf/ADA…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Nov 2025
Replying to @Paulb83209791

DOD/DOE antigravity vehicles Generate a Local Soliton Media, ENVELOPE/PLASMA VACUUM BUBBLE and Vectors the momentum of the whole bubble, via Spacecraft concentricy to center of bubble (with offset mass). OBJECTIVE of APPLICATION: Engineering the Equilibrium of dissipation in desired direction of travel, being pulled in the wake's vacuua (due to weightiness and frictionless spacecraft engineered characteristics),.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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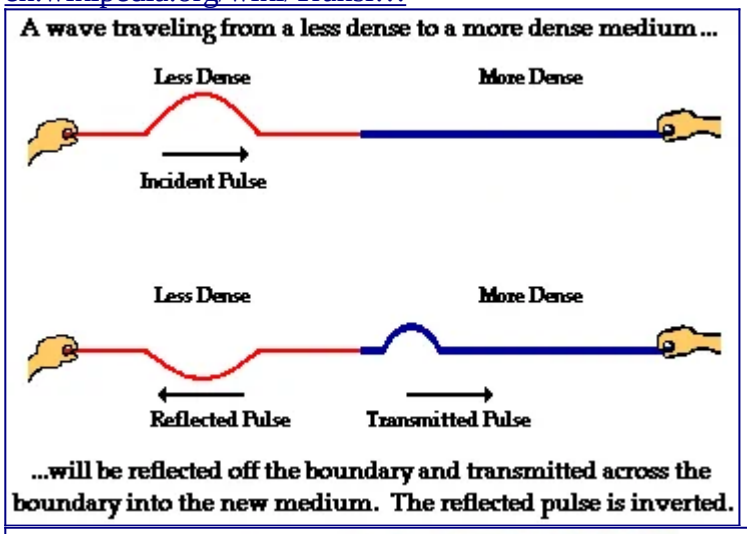
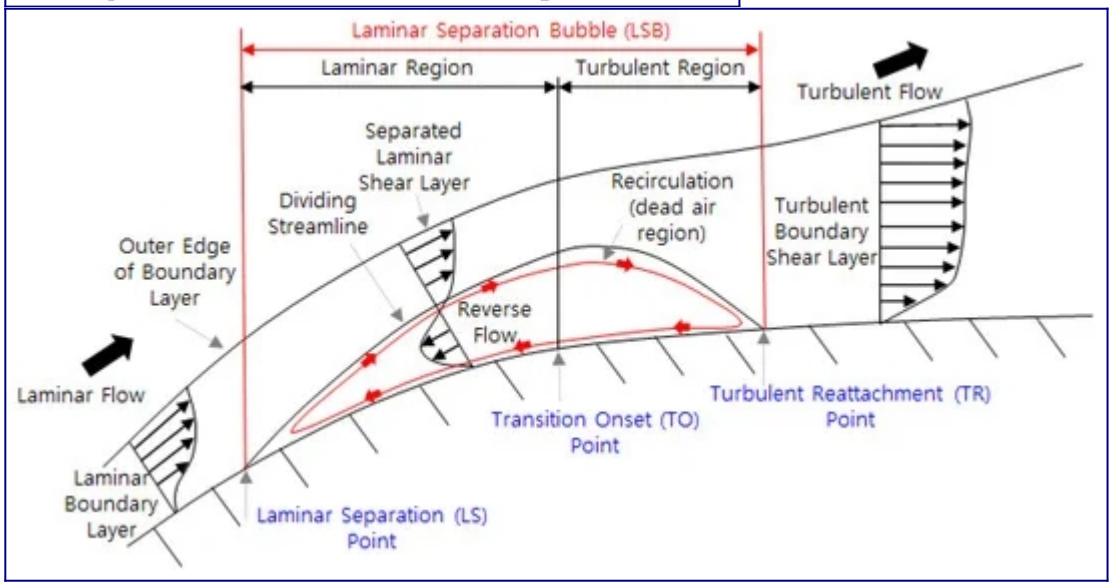
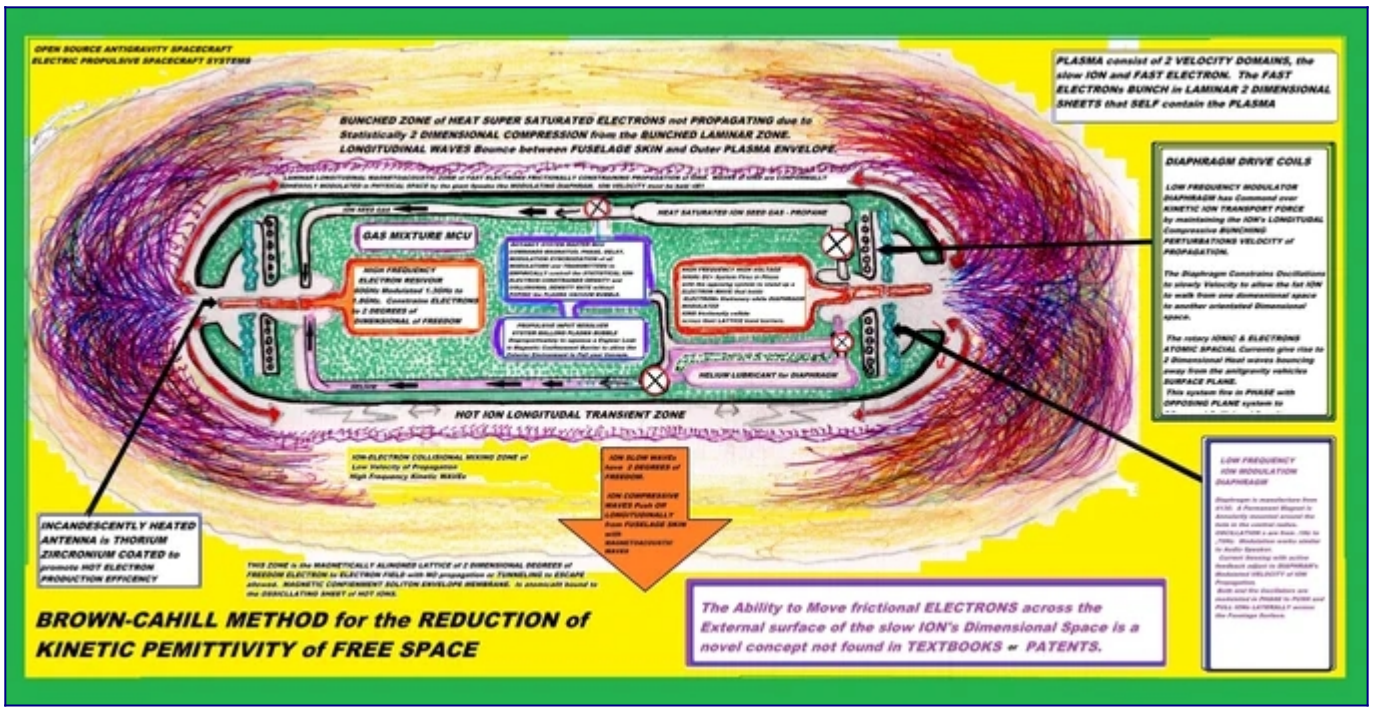
5 Nov 2025
TRANSITION RADIATION is the Spectral Band of Electromagnetic Waves resulting from Charged Particles passing through Mixed Media paths. Utilized extensively in Spectrography, its application in Antigravity Vehicle applications is used in accurate Premixing of Ion Seed Gas, for Buoyancy Systems standing Wave/Wake Plasma Vacuum Bubble formation. Making the Cesium/SF6 Ion seed mixture just hot (or cold), that it's Boltzmann-Debye-Maxwel-Coulomb Reach (GBKY) is between the ultracold O2 and the Superheat saturated Hydrocarbon Gas. Forming a Paramagnetic Gas Cloud, clung to the Buoyancy Systems Cooled modulators.
en.wikipedia.org/wiki/Transi…

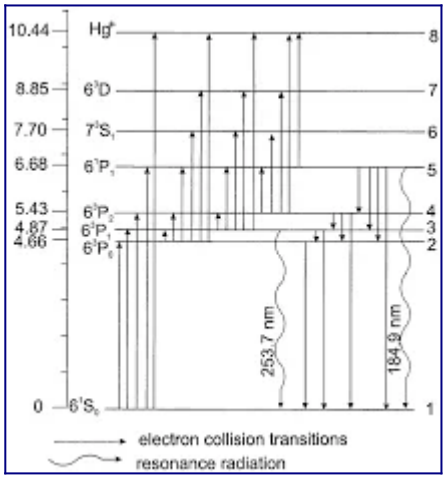






ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Oct 2025
Replying to @Paulb83209791
The British run "Space-Time" Fallacy PsyOp is used by Cambridge and Oxford to manipulate 1st level thinkers. Behavioral Modification applications in Academia. Lattice Boltzmann CFD is the highest application is mankind's Empirical Math Capabilities. It teaches; time is handled Discretely. Through out the universe, everything is in motion, no area is not in motion. In Plasma CFD Modeling, you model each Scale as a Continua and establish rules for Transitory Velocity based transits in Media Field. Throughout the Universe, there is Hydrogen Continua of the same average size. And Ionization Scales to Smaller Scales. The 3 main Scales Found in Nature are the Macro scale of Molecules and Ions. The Mesoscopic (INTERFACIAL) scale. And, the smallest physical dimensional scale is the Electrons Continua scale, the Microscopic scale. The Mesoscopic scale has no Physical "Particles". It is a Scale between the Ions and Electrons and is the Kinetic/Thermal Wave Coupling region of Dimensional Space, between the Ion and Electron. All technical Academic Fields culminate together, when programing across simultaneous Parallel Processors running Lattice Boltzmann CFD. In deep space, there is always Hydrogen Ions. When regions are charged with electricity, in space, Oxygen bust his @$$ into the picture with his ridiculously long Coulomb-Debye Grasp into the Mesoscopic region. When propagating a Electron signal in deep space, the Hydrogens Ionic Coulomb-Debye @$$-Grab checks the Velocity, limiting Free propagation to never exceed C. Hydrogen Continua fills the Permittivity of Free Space to prevent Natural Propagation of Faster Than Light travel. A artificial Standing Wave/Wake Plasma Vacuum Bubble is Electrically formed around DOD/DOE antigravity spacecraft, using ion Seed Mixture with over rich Hydrocarbon fuel. Note picture formation of Standing Wave/Wake Adiabatic Gas bubble.

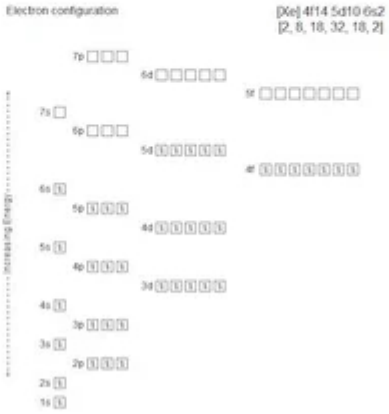
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Oct 2025
Replying to @My_TeslaModelS
What I learned from AFRL on Mercury based Electrostatic Power Sources. Hg must be slightly heated to it's adiabatic Critical, 3 Point, to the point it slightly gasses and begins to ionize, in it's reservoir, for over unity applications. With Shock Induced electron flow, derived methods and applications. When Hg is directly Heated and Vapor 'Cooling regulated' for slight thermal super saturation where plasticity forms and then engineered nucleation occurs in the cooling cycle. (Expansion/contraction cycle) There is a massive increase in "Hot Electron" Velocity in the Mesoscopic Interface. The Thermal Input wave must REFLECT directly with the Outcoming Thermal Pulse. This results in Skin Effect flow becoming non linear, and can be collected with "PLATES in MEDIUM" Methods.

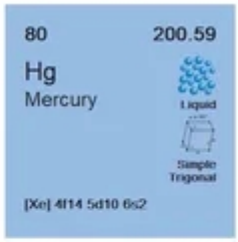


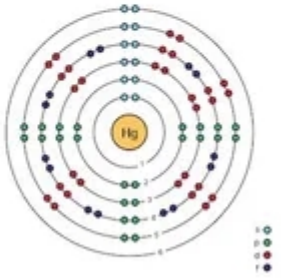
Mercury

Transition Metal

Symbol	Atomic number
Hg	**80**
Atomic radius (pm)	**Atomic weight (amu)**
171	**200.59**
Melting Point (K)	**Boiling Point (K)**
234.32	**629.88**







SCHOOLMYKIDS
LEARNING REVIEWS SCHOOLS

Mercury

Transition metal

Symbol
Hg

Neutrons
121

Atomic number
80

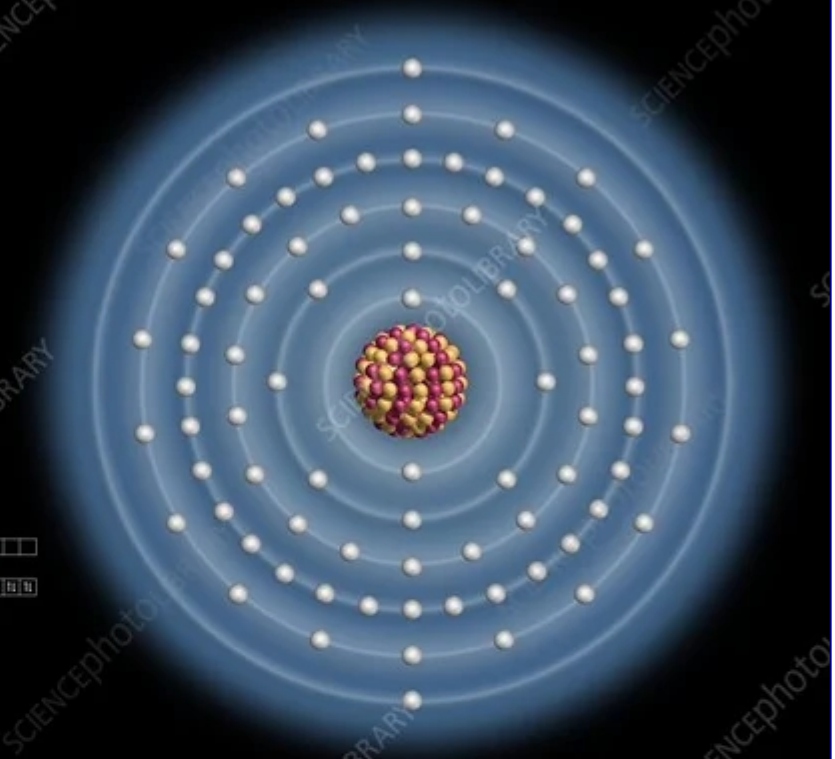
Energy levels
6

Atomic weight (amu)
200.6

Shell structure

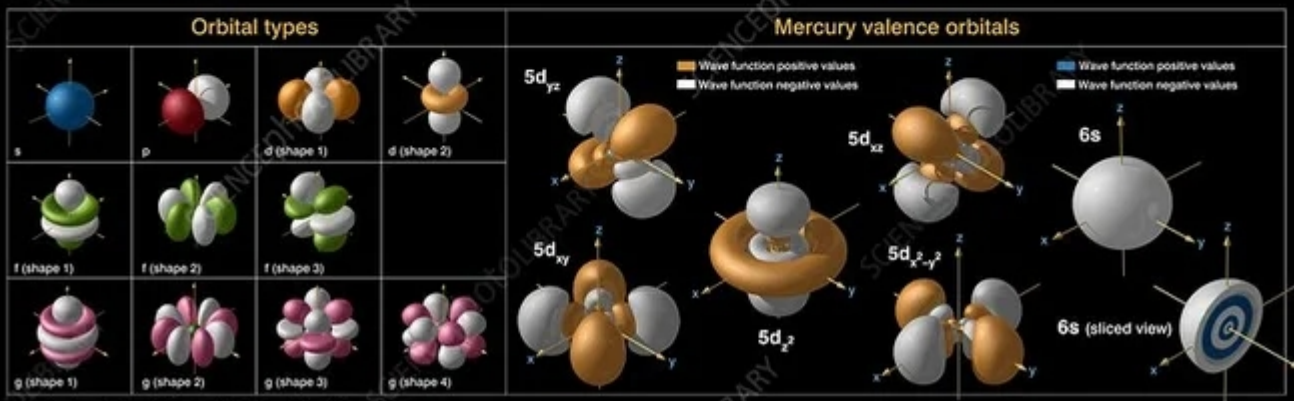
Atomic radius (pm)
171

Proton/electrons
80



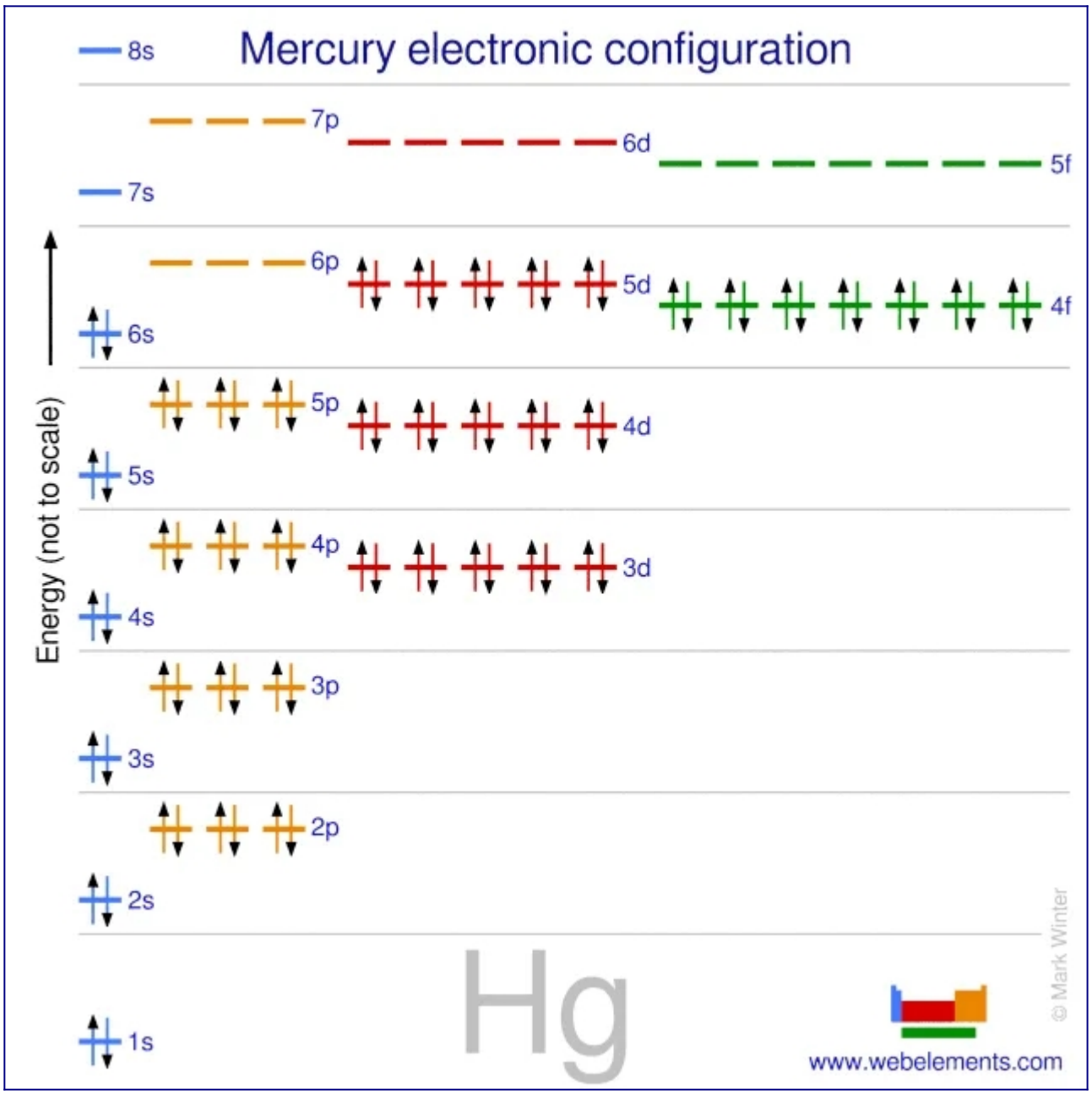
$[Xe]\ 4f^{14}\,5d^{10}\,6s^{2}$

Atomic orbitals



No elements are known in which g orbitals are occupied in their ground states, only in excited states

SCIENCEPHOTOLIBRARY



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Oct 2025

Replying to @st3wb3ar

Stochastically expanding in place, going nowhere.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Oct 2025

Unseen at this Macroscopic Scale, the White Vapor of Over Rich Fuel has yet to Combust. The pressurized Fuel, Hydrocarbon Ions, radiate spherically in expansion. Denser adiabatic atmospheric filaments, finger inward. The Stochastic Twerking Hydrocarbon Ions Cause a Non-Equilibrium, expanding field, in the Gas Locality. Nature fill shock induced, fraction voids, with a massive inrush of O2. This high velocity Oxygen rush is followed by a electron renormalization avalanche. In fuels combustion, the Electron's faster velocity, rubbing the O2 Ion's interfacial surface, induces friction (fire), Paramagnetically. Note the White puffy area is a Kerr Shifted opacity. For a good antigravity lesson, teach yourself the Electrodynamics of a Combusting Cloud.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Oct 2025
Replying to @squirrelgonenu1 @ashtonforbes
Kinetic/Thermal Coupling Constant is in the Mesoscopic Interface. Oxygen is the most Magnetic/Paramagnetic Ion and only delivers, under contractive/compressive force. These are key Floaty Concepts I do not see on the Internet as of yet.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Oct 2025
Using a Fuel to Shock Electrons for their Continua is a inefficient stone-age concept. Electricity can be Shock-induced from it continua, without Fuel. ALL THERMONUCLEAR PLASMA PHYSICS textbooks have lots of information of Shock-Induced Electron Dispersal sections, where the renormalization is cycled through a parasitic circuit. Free Electricity is in the textbooks, without Fuel Grifters getting in the way. Nature produces Electricity in the form of Lightning, this way, Free Shock induced Electron Dispersal. Electricity is Free, as long as a PATH of War doesn't set in 'its way.

thermonuclear-reaction research is, of course, the production of energy. The most desirable end product of this energy-production process is electricity. It would be sad indeed if the steam cycle (thermonuclear energy in the form of heat, vaporizing water, driving steam turbines, generating voltages and currents) were necessary in order to light our plasma lamps. The direct conversion of thermonuclear energy into electrical energy is a subject of great interest. Since the motions of charged particles are electrical current, it appears possible to extract electrically by induction some of the energy of these currents.

The plasma-filled thermionic diode is a device which can convert heat energy into electrical energy. If the work functions of the anode and cathode are properly adjusted, an electron thermionically emitted from the cathode of the diode may traverse the plasma and arrive at the anode without an external voltage being applied across the diode. A current will flow through a load without a voltage source in the circuit.

If a plasma is forced to move perpendicular to a d-c magnetic field, an electric field is generated within the plasma in a direction normal to both the magnetic field and the plasma motion. The electric field generated in the plasma can be used to cause electrical current to flow in an external circuit as well as within the plasma. Energy is transferred to the load at the expense of the kinetic energy of the plasma particles. The advantage of the d-c magnetohydrodynamic generator is that it requires only moving plasma, not moving parts. Among the difficulties of such a scheme of power generation are the generation and maintenance of a plasma with appropriate characteristics.

5. Although the tail end of a conventional missile spews forth a very hot plasma, this is not what is meant by "plasma propulsion." Plasma propulsion is the name attached to various *low*-thrust techniques, techniques which produce thrusts per weight several orders of magnitude lower than chemical rockets. Who needs such a thing, one may ask. In the reaches of space, outside of the grasp of strong gravitational forces, there is little need for a high-thrust device. It may take a while, but the slow, steady, directional emission of ions and electrons from a rocket will accelerate that rocket to satisfactory speeds.

An ionic rocket engine, in its simplest form, consists of an electrostatic accelerator which ejects the ions from the rocket. The ejection of ions is the mass flow which drives the spaceship forward (action equals reaction). Of course it is not all that simple, for what is to prevent the ions, once ejected, from turning around and making for home, that is, back to the negative charges that they have left behind?

They will, in fact. After ejection, the positive ions must be combined with electrons or negative ions so that the mass which flows has charge neutrality. Briefly, for an ion engine to work, the "exhaust" must be charge-neutral.

To eliminate in part the space-charge problems of the ion engine, and to create numerous new problems, one can devise combinations of electric and magnetic fields which will eject from the rocket a neutral collection of charged particles. In general, neutral plasma or magnetohydrodynamic propulsion is capable of creating more thrust per weight than ionic propulsion. There are numerous schemes for the exhaust of a plasma at high speed. In all the schemes the force of ejection on the positive particles must be in the same direction as the force on the negative particles. This restriction limits severely the type of fields which can be used. Various forms of perpendicular electric and magnetic fields are perhaps the most popular field configurations.

Now let us get to the business of this book—a mathematical and physical look at the fundamental concepts of plasma physics.

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Phys. Today, **15**(12): 21–54 (1962); **16**(3): 24–37 (1963); **16**(4): 26–54 (1963).

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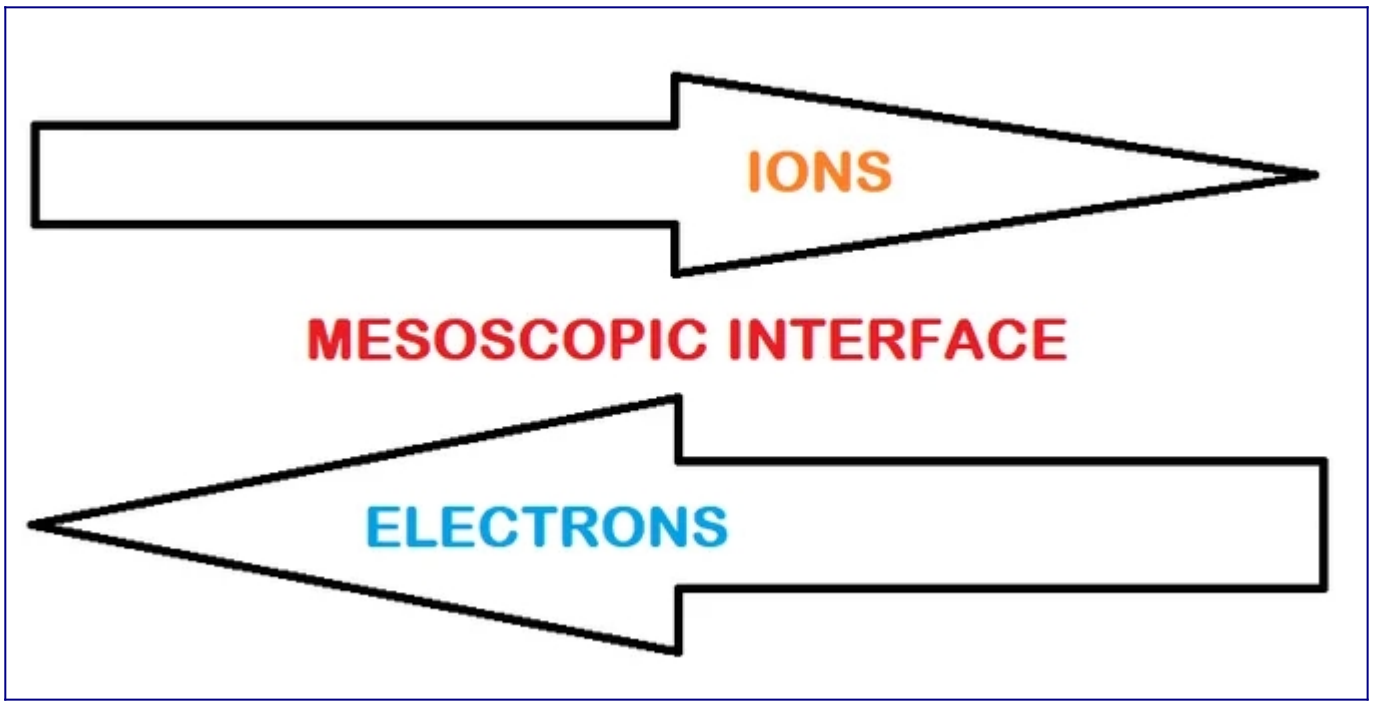
19 Oct 2025
Replying to @AshtonForbes @ashtonforbes
Antigravity Hint.



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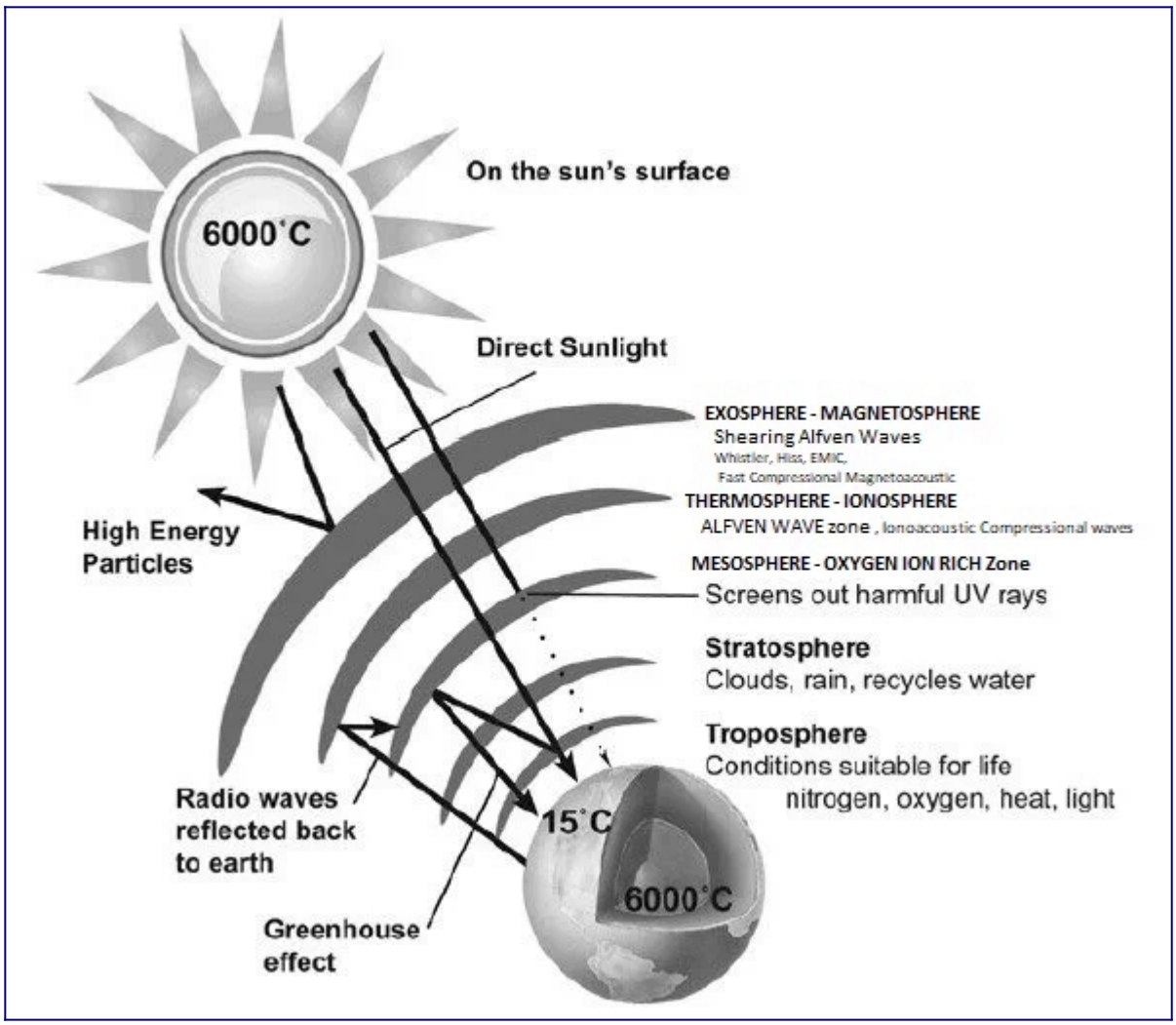
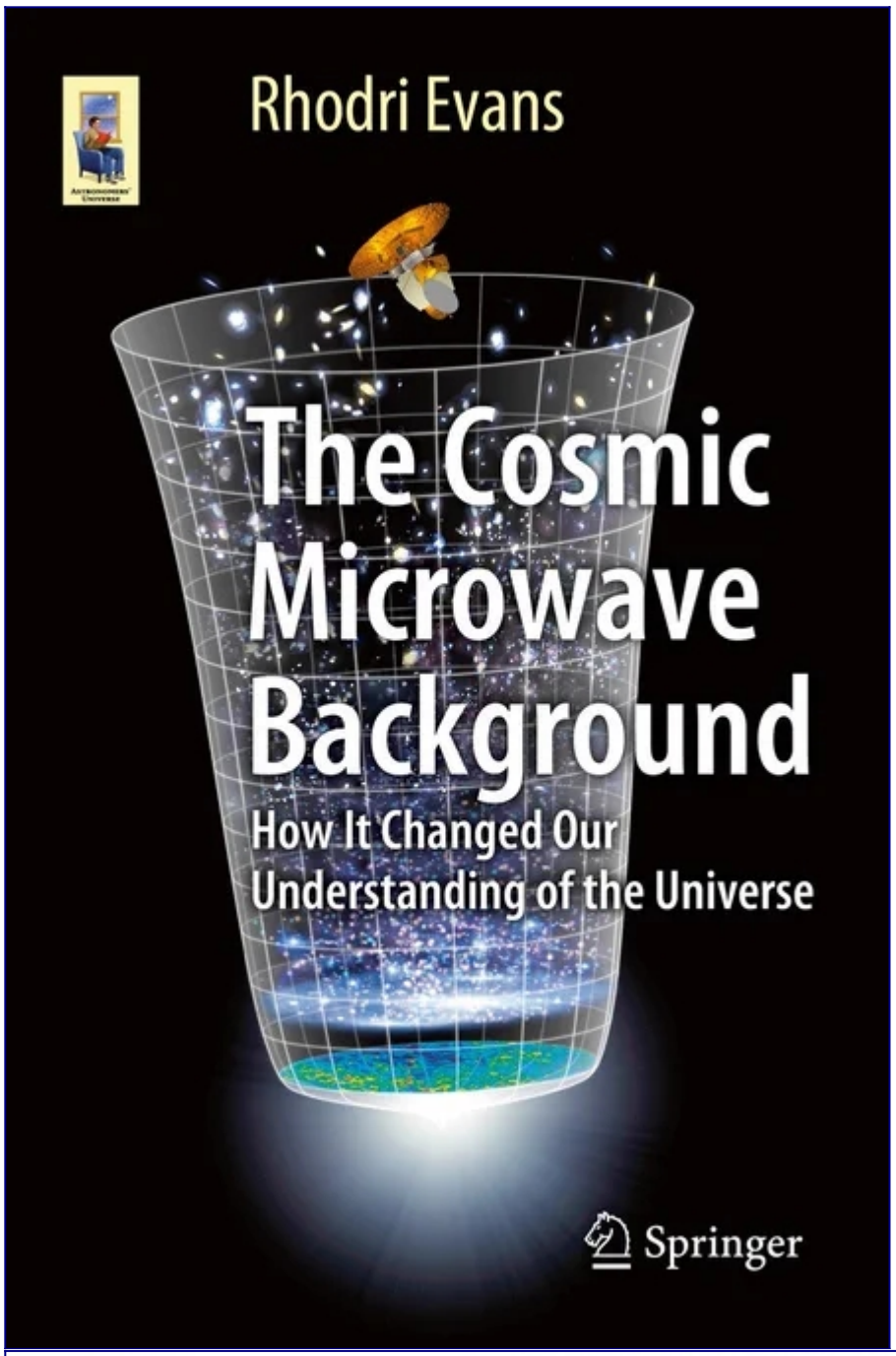
13 Oct 2025
Replying to @AshtonForbes @ashtonforbes
Space time is not a medium.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Oct 2025
Relational illustration.

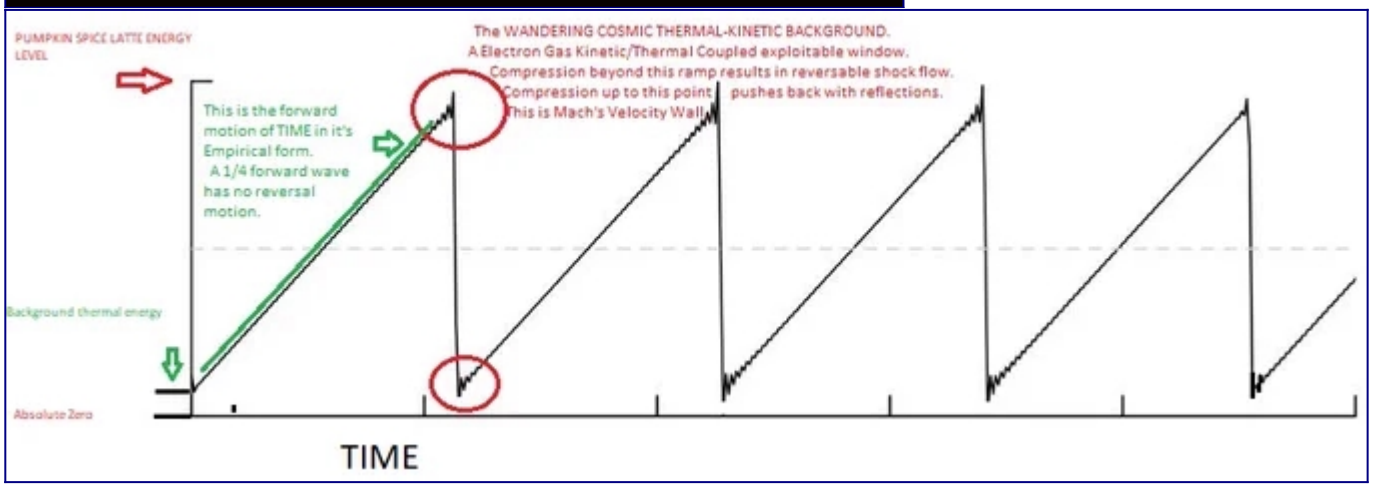


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Sep 2025

Replying to @TMBSPACESHIPS @dutch1777real

Dark Energy is a misteaching that has lots of misteaching's added in. I define Dark Energy as the SI converted unit to MKS reference equivalent of Pumpkin Spice Latte Energy. I define that TV scientist as gobblers of Pumpkin Spice Latte. The lower thermal cosmic background is mistaught to remove reasoning. The Universe is always in motion a Kinetic/Thermal motion. The Cosmic Thermal Background has many names. The Cosmic Thermal Background is oscillatory in nature but follows a NON-REVERSIBLE Time characteristic model found in nature. The 1/4 Forward Sawtooth Pattern represents a forward wave, with no REVERSAL PERIOD. (Critical element in understanding real Antigravity, without the Pumpkin Spice Latte with Element 115 sprinkles. Nowhere in the Universe is anything, NOT in MOTION. This motion is the Lower Thermal-Kinetic Cosmic Radiation; Ionic oscillations start as low as .001Hz up to infinity. There are Ion to Ion and Ion to Electron and Electron to electron Coupling "Hills and Valleys" of the KINTEIC/THERMAL Coupling Gaps. By various application and methods artificial Increase and decrease of the Local Permittivity of Free Space is commanded and controlled in DOD/DOE antigravity spacecraft.





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28 Sep 2025
Replying to @dutch1777real
Photons are the Eddys in Mesoscopic Transits. There are no characteristics to define a PHOTON as a particle.
Load more
Load newest
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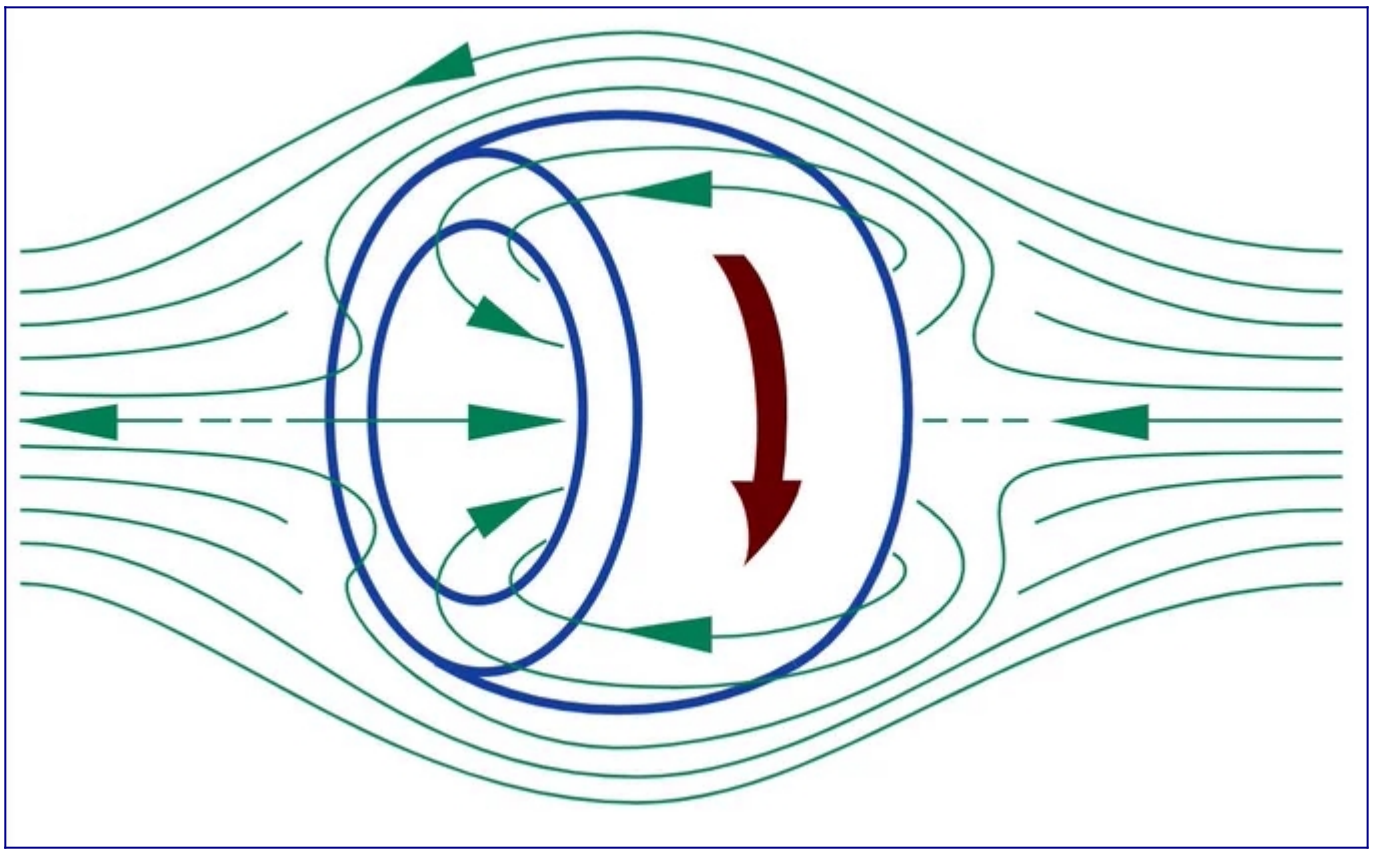
@TMBSPACESHIPS
27 Sep 2025
Deep Space media consists of stretched matter. Mostly Hydrogen Nuclei (coasting) and Electrons in transit. Nature presents 3 critical scales of Continua and vectors to smaller and higher relativistic dimensional Continua. Macroscale, Mesoscale and Microscale of Continua. In mathematical modeling of Nature, you model the same approximate dimensional/volumetric size of Media Fields as a CONTINUA. The Electrons Microscale Expands dimensional upward to the Mesoscopic and Macroscopic Scales of Continua. The inverse, the Macroscopic Scale CONTRACTS toward the Mesoscopic and microscopic scale of Continua. The MACROSCALE consists of Ions and larger clustered Moles of Ions. The smallest Hydrogen Nuclei contracts to a smaller Mesoscopic Scale. The Mesoscopic Scale of Continua is a INTERFACIAL scale between the small Hydrogen Continua and the Electrons dimensional Continua. The Mesoscopic Scale consist of 3 INTERFACIAL Nuclear transport Forces. Electonic, Magnetic and the Kinetic/Thermal Axis of the Nuclei. No Particles in the mesoscopic interface, only Electromagnetic & Thermal Kinetic Pressure vectors of Curl and Div. Critical to antigravity engineering, There is no Mesoscopic Particles, they are moving ION force tensors and SHOULD NOT be described as Particles. Nature has no Continua of Interfacial Voids. The Mesoscopic Interface auto fills voids. In deep space Electrons are stretched into the fractional voids the Hydrogen Nuclei cannot fill. (Schrodinger Cat is in 2 places at once). The finely stretched Hydrogen Nuclei suppress the free propagation of Elections, in deep space, by eddy current damping, to keep speeds less than Einstein C. In all my old, pre 1915 Physics textbooks, C is Continua of Media. The Media has a damping rate. Hydrogen Nuclei damp/limit natural electron propagation in free space. In nature, the Hydrogen Nuclei damps to what we define as C. Artificially remove the small insignificant Damping force and you travel faster than the speed of a AP college credit course. DOD/DOE antigravity spacecraft generate standing Plasma Wave/Wake modulated fields to remove a significant portion of the Hydrogen Boltzmann-Debye suppressive field found in nature. By placing a dimensional (angular) electrical stress between the spacecraft and the surrounding adiabatic or exothermic Media, you push the universes grab from your fuselage skin rendering you frictionless and weightless. DOD/DOE antigravity vehicles have speed constraints due to mismanagement and chasing expensive no return research projects. My heated antennas made a significant increase in instantaneous speed.



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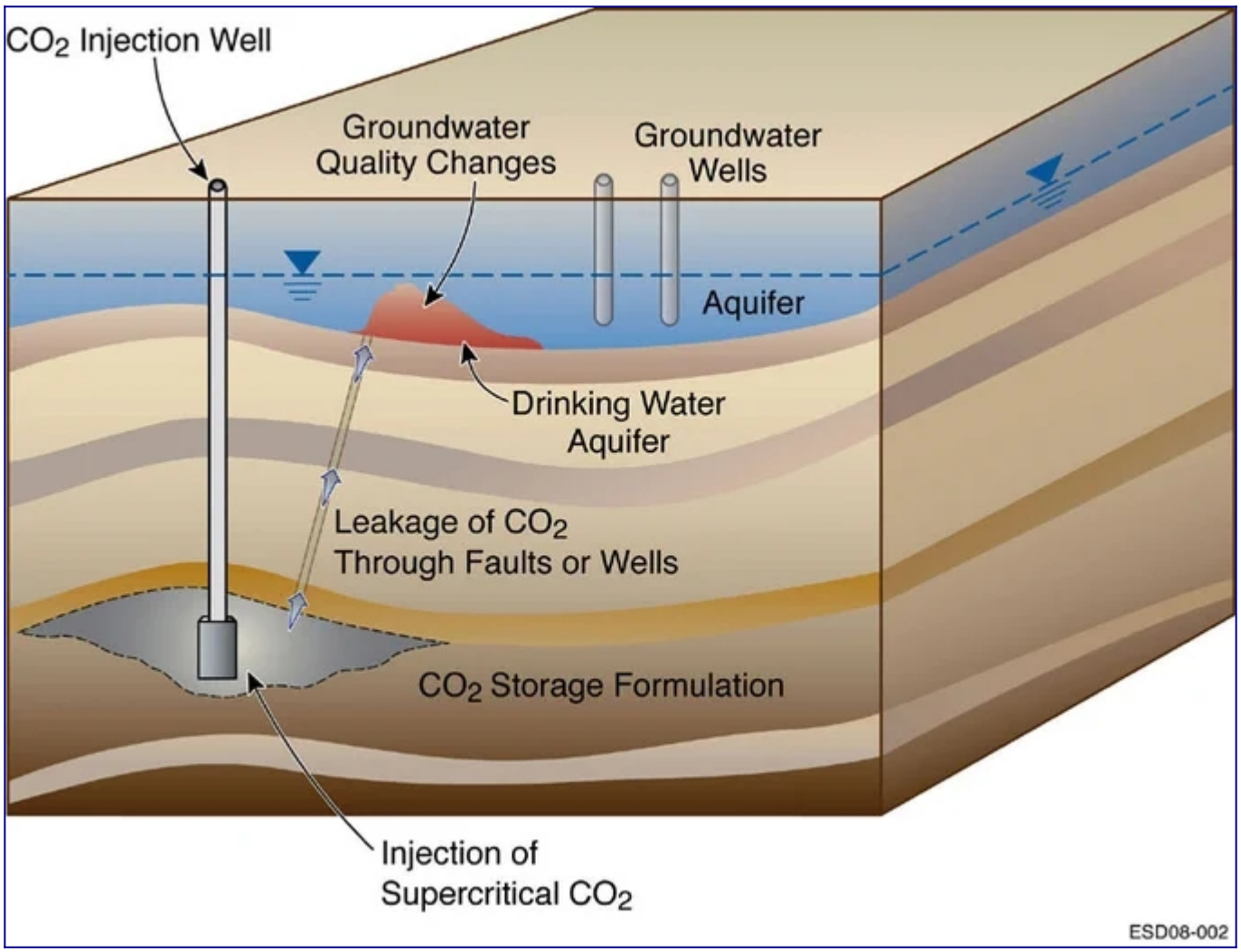
PDF SCAN A COMPLIATION of the PHYSICAL EQUALIBRIA and RELATED PROPERTIES of the HYDROGEN HELIUM SYSTEM. by D.E. DRAYER & T.M. Flynn 1961 - National Breau of Standards govinfo.gov/content/pkg/GOVP…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Sep 2025
Replying to @FmrRepMTG @RepMTG
CO2 is a component of Atmospheric Moisture. There is a sinister plan to Freeze the Ground Water in the US under the premise of CO2 Ground Sequestration. According to DOD/UN classified documents, The UN desired-Megadrought plan will be administrated by private equity for public relations appearance. (So it looks GREEN as they pump a large fraction of our O2 atmosphere underground. By removing the O2 from our atmospheric Adiabatic Bubble, they can remove the ability of moisture/nuclei to form. With the use of HARP type LF to HF non-linear signals, the dynamic system is designed to prevent Nucleation of Hydrogen due to a deficit of O and artificial excessive negative charge, this prevents the nuclei from clumping together forming up moisture. Blackrock/Statestreet ect... companies with DOD/DARPA seed money are fronted for Operations. The objective of the CO2 ground sequestration program is to make Municipalities Pay access to their own grown water, under their NEW technology to that allow for "NEW" ground water access by thawing).



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Replying to @agent_mock
NUKES in SPACE. Documentary. youtu.be/watch?v=LZhvZZ43…

Outer space nukes

Outer space nuclear explosions care of "Trinity and Beyond - the Atomic Bomb Movie." These explosions took place in 1962 under Operation Fishbowl. To see t...

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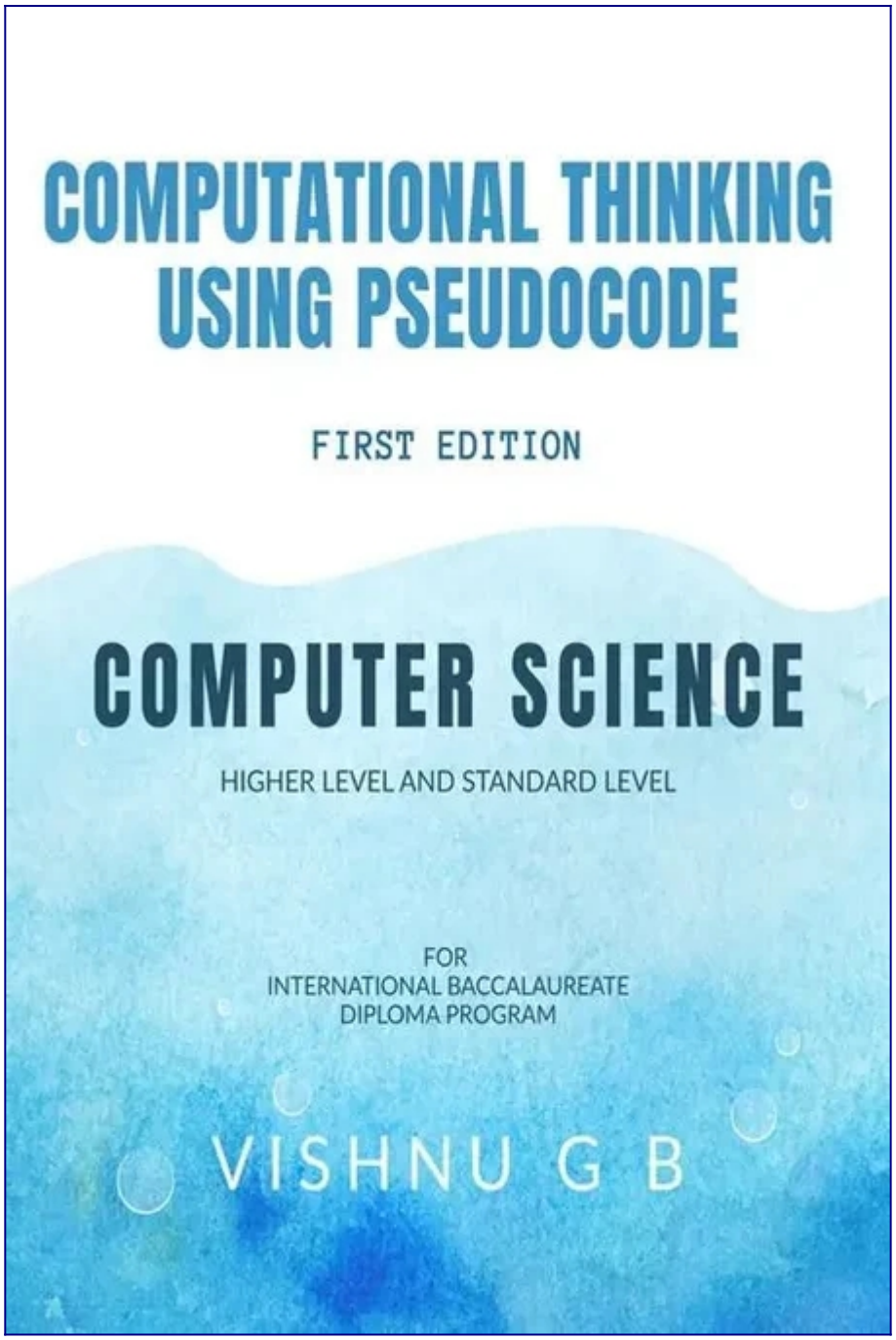
14 Sep 2025

Pseduocode was a old legacy academic method to define Algorithms. PSEUDOCOE has been around almost 100 years in Physics Textbooks. Long before man developed the computer, scientist and engineers knew the development of the computer was coming and developed a Algebraic Algorithm Based Boolean Algebra language. After drafting the Algorithm, it is then coded into a language. Historical development of Advanced technology is often discarded by those whom whish our Level of Technology came from Aliens. DOD/DOE Antigravity Programs are based on

Textbooks knowledge, not hidden math. It is a disservice to mankind to claim his technology is alien DEVELOPED. There is a DOE program to push the nonsense that Aliens. There will be Genetically Engineered people presented as Aliens in the coming years. I saw lots of Cows being used a Human Womb incubators at a Numbered area in 1994, part of a Super soldier Program. I did not talk to those people as most Genetics and Advanced genetic biologist are all Eugenics freaks. These "DOE ran Supersoldier" programs were covers for Human Hybrid Chimeras. Jessie Ventura covered this on his show. There were many Chimera escapes from the Labs in the 1990's and now the DOD has to hunt them down. Chimera research should be banned at the World Level. Just ask Kahn Noonien Singh.



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Good paper on Plasma Kinetics. researchgate.net/publication…

J. R. Angus,[1] S. I. Krasheninnikov,[1] and A. I. Smolyakov[2]
[1]Department of Mechanical and Aerospace Engineering, University of California San Diego, La Jolla, California 92093-0411, USA
[2]Department of Physics and Engineering Physics, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

(Received 26 April 2010; accepted 10 September 2010; published online 29 October 2010)

The effects of electromagnetic plane waves obliquely incident on a warm bounded plasma slab of finite length L are studied by solving the coupled Vlasov–Maxwell set of equations. It is shown that the solution can be greatly simplified in the limit where thermal effects are most important by expanding in small parameters and introducing self-similar variables. These solutions reveal that the coupling of thermal effects with the angle of incidence is negligible in the region of bounce resonance and anomalous skin effect. In the region of the anomalous skin effect, the heating is shown to scale linearly with the anomalous skin depth δ_a when $\delta_a \ll L$, in agreement with previous authors. Furthermore, for $\delta_a \gg L$, the heating is shown to decay with $1/\delta_a^3$. The transmission is found to be exponentially larger than that predicted from a local theory in the appropriate region of the anomalous skin effect. © 2010 American Institute of Physics. [doi:10.1063/1.3499664]

I. INTRODUCTION

The interaction of electromagnetic waves with plasmas is a fundamental problem of continuing interest in plasma physics. The conventional method is to assume a local relationship between the current density and the electromagnetic perturbation, where the current density at any point in the plasma is proportional to the locally applied electric field. However, for plasma systems of finite temperature and finite size, the local approximation is not always valid and can miss important physical phenomenon such as Landau damping,[1–3] anomalous skin effect,[4–11] and bounce resonance.[12–14] A kinetic theory is needed to correctly describe these plasma systems. The work presented in this paper may be of interest to the studies of inductively coupled plasmas,[15–17] optical physics,[8,18–24] multilayer structures, and metamaterials.[26–29]

Recently, the study of multilayer structures and metamaterials has been growing. One of the central features that make these materials a research topic of interest today is their ability to amplify evanescent waves, which are the source of many unique properties of the material, in particular, anomalous transmission of electromagnetic waves through metal films in multilayer structures.[16–25] These systems are generally described in terms of the reflection and transmission coefficients. Most previous works have obtained these coefficients by treating the dielectrics and metals using local theories and a more general description using a kinetic theory is desirable.[23–25] The work presented in this paper is of a more general nature, but the solutions could provide a basis for a nonlocal theory of multilayer structures and metamaterials.

Most recent works studying thermal effects on bounded heating is considered as the primary mechanism for sustaining low-pressure discharges, and only consider over dense plasmas in configurations that do not permit any transmission of the wave. In this paper, a kinetic theory is used to study the absorption and transmission of a p-polarized electromagnetic plane wave obliquely incident on a warm plasma slab surrounded on both sides by vacuum via the heating *and* transmission coefficients. Several authors have considered this problem and similar variations before.[2,3,12,26–28]

Swift and Crownfield[3] solved for the reflection, transmission, and heating coefficients of an electromagnetic wave obliquely incident on a warm finite plasma slab and give a detailed examination of the resonances that occur near the plasma frequency. However, they do not discuss any thermal effects on heating and transmission in over dense plasmas. More recently, Choi and Yoon studied thermal effects on the reflection and heating coefficient of an electromagnetic wave normally incident on warm bounded plasmas.[12] They presented numerical results for the dependence of the absorption on the incident wave frequency, slab length, and electron density, all in the region where the anomalous skin effect was important. Their results showed that the absorption due to the anomalous skin effect was strongest when the system length L was on the order of the collisionless skin depth. The work presented in Ref. 12 is thorough, but they do not consider wave incident at an angle and they ignore the thermal effects on the transmission coefficient.

In Secs. II–V of this paper the physical system of consideration is described and the coupled Vlasov–Maxwell set of equations is solved and discussed. In Sec. II, the physical system, governing equations, and boundary conditions are

(PDF) Kinetic theory of electromagnetic plane wave obliquely incident on bounded plasma slab

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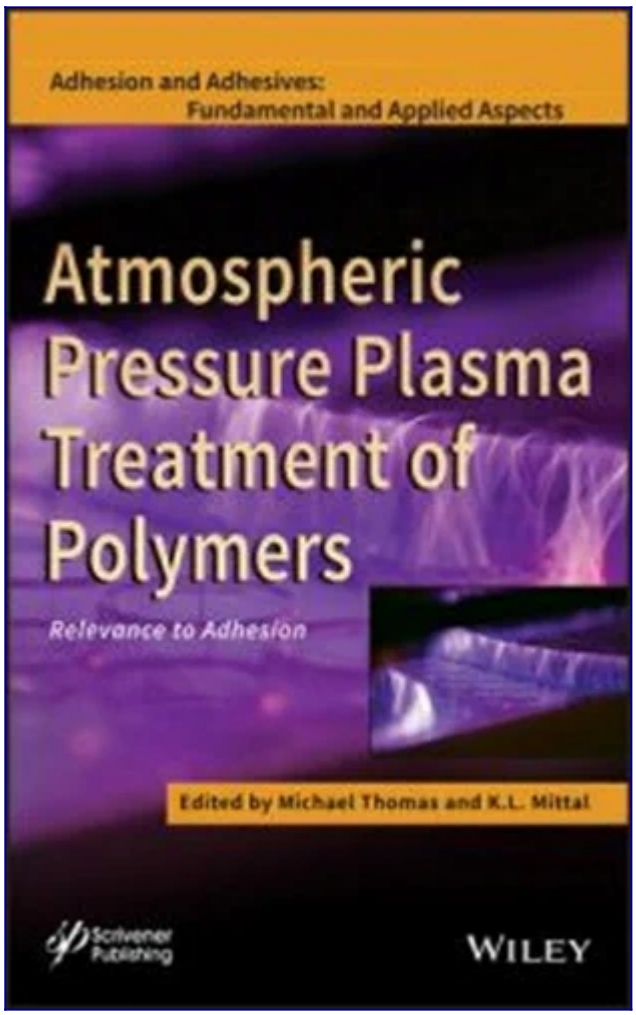
Replying to @H2Colby

In engineering advanced materials, some materials are dimensionally reduced, toward a semicrystalline structure, under the presence of Electrostatic Sourced Plasma. Plasma polymers are highly cross-linked, branched polymeric coatings, that shrink to increase density under atmospheric Plasma Vapor formed by a glow discharge (plasma) that creates highly reactive species from gaseous or liquid monomers. The Plasma Polymerization process allows for the creation of precision thin, uniform, and conformal films on various surfaces. The are the most flexible High Dielectric Coatings.



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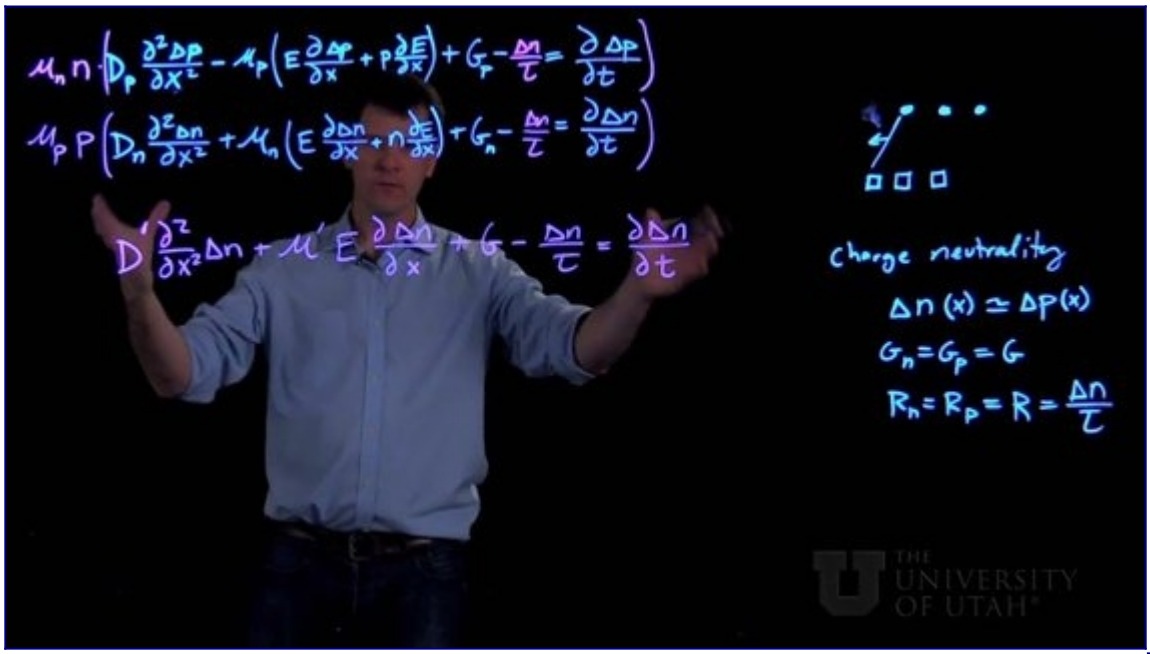
AMBIPOLAR TRANSPORT. youtu.be/watch?v=0utZa_uV…



Ambipolar Transport

Ambipolar transport of excess carriers in semiconductors

youtube.com

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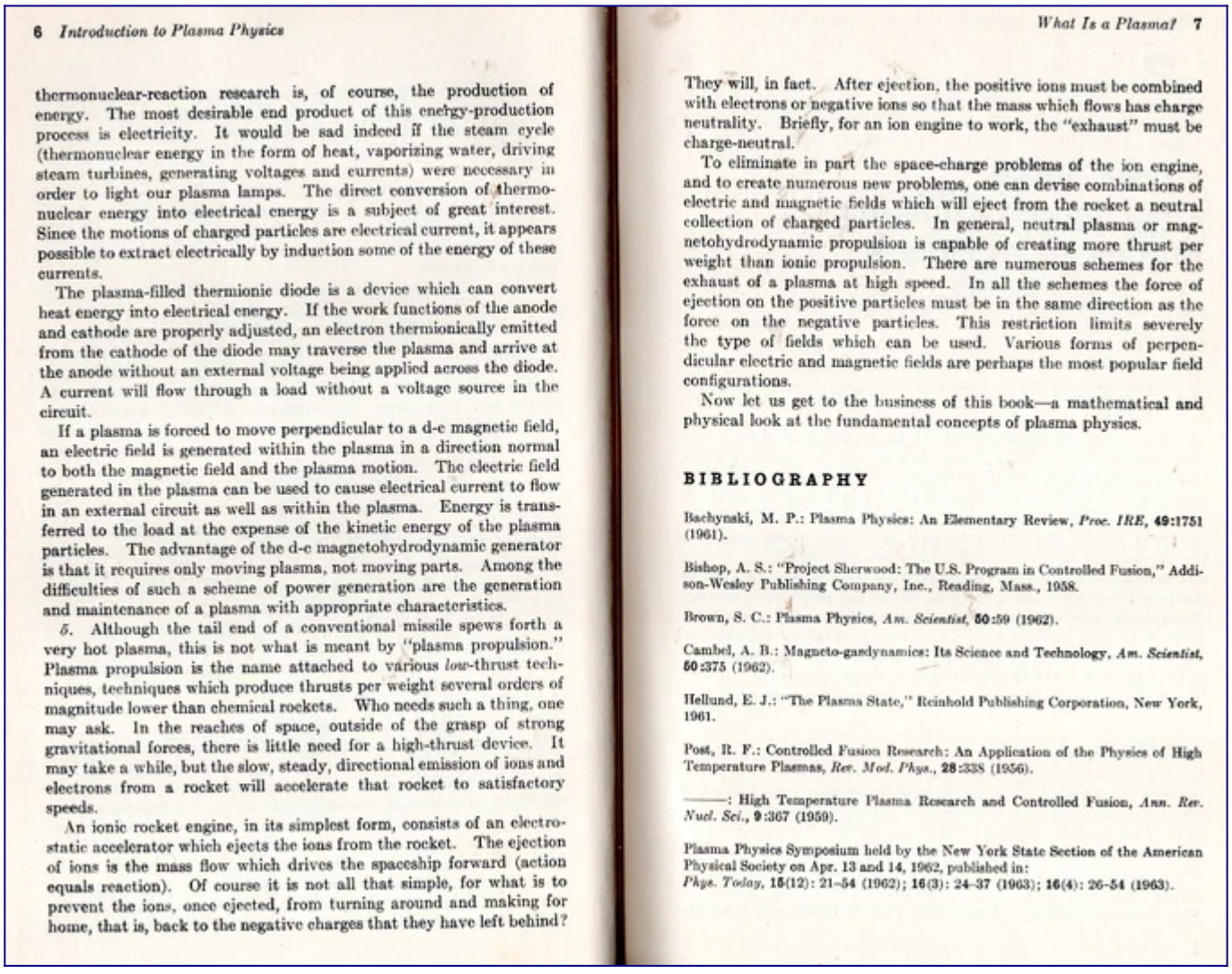
10 Sep 2025

DOD/DOE antigravity vehicles do not have Star Trak Nuclear Reactor for Power. There are many methods and applications for direct Nuclear kinetic Energy to Electrical Current Methods in textbooks since the 1950s. Thermal Ionic Diode direct Heat to Electrical Current device.



6 *Introduction to Plasma Physics*

thermonuclear-reaction research is, of course, the production of energy. The most desirable end product of this energy-production process is electricity. It would be sad indeed if the steam cycle (thermonuclear energy in the form of heat, vaporizing water, driving steam turbines, generating voltages and currents) were necessary in order to light our plasma lamps. The direct conversion of thermonuclear energy into electrical energy is a subject of great interest. Since the motions of charged particles are electrical current, it appears possible to extract electrically by induction some of the energy of these currents.

The plasma-filled thermionic diode is a device which can convert heat energy into electrical energy. If the work functions of the anode and cathode are properly adjusted, an electron thermionically emitted from the cathode of the diode may traverse the plasma and arrive at the anode without an external voltage being applied across the diode. A current will flow through a load without a voltage source in the circuit.

If a plasma is forced to move perpendicular to a d-c magnetic field, an electric field is generated within the plasma in a direction normal to both the magnetic field and the plasma motion. The electric field generated in the plasma can be used to cause electrical current to flow in an external circuit as well as within the plasma. Energy is transferred to the load at the expense of the kinetic energy of the plasma particles. The advantage of the d-c magnetohydrodynamic generator is that it requires only moving plasma, not moving parts. Among the difficulties of such a scheme of power generation are the generation and maintenance of a plasma with appropriate characteristics.

5. Although the tail end of a conventional missile spews forth a very hot plasma, this is not what is meant by "plasma propulsion." Plasma propulsion is the name attached to various *low*-thrust techniques, techniques which produce thrusts per weight several orders of magnitude lower than chemical rockets. Who needs such a thing, one may ask. In the reaches of space, outside of the grasp of strong gravitational forces, there is little need for a high-thrust device. It may take a while, but the slow, steady, directional emission of ions and electrons from a rocket will accelerate that rocket to satisfactory speeds.

An ionic rocket engine, in its simplest form, consists of an electrostatic accelerator which ejects the ions from the rocket. The ejection of ions is the mass flow which drives the spaceship forward (action equals reaction). Of course it is not all that simple, for what is to prevent the ions, once ejected, from turning around and making for home, that is, back to the negative charges that they have left behind?

What Is a Plasma? 7

They will, in fact. After ejection, the positive ions must be combined with electrons or negative ions so that the mass which flows has charge neutrality. Briefly, for an ion engine to work, the "exhaust" must be charge-neutral.

To eliminate in part the space-charge problems of the ion engine, and to create numerous new problems, one can devise combinations of electric and magnetic fields which will eject from the rocket a neutral collection of charged particles. In general, neutral plasma or magnetohydrodynamic propulsion is capable of creating more thrust per weight than ionic propulsion. There are numerous schemes for the exhaust of a plasma at high speed. In all the schemes the force of ejection on the positive particles must be in the same direction as the force on the negative particles. This restriction limits severely the type of fields which can be used. Various forms of perpendicular electric and magnetic fields are perhaps the most popular field configurations.

Now let us get to the business of this book—a mathematical and physical look at the fundamental concepts of plasma physics.

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Phys. Today, **15**(12): 21–54 (1962); **16**(3): 24–37 (1963); **16**(4): 26–54 (1963).

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Replying to @SunWeatherMan

Most engineers and technicians retire to the free House on a Us military base of their choice and choose to stay quiet for fear of being killed by Boeing and Raytheon Hitmen.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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9 Sep 2025

Replying to @alwaysthoughtt1 @Cortex_Zero

In that application, they are charge before flight. As they are charged, a internal Lattice of Extreme small scale is formed in the outer surface of the material and the entangled MESOSCOPIC INTERFACIAL area. (Acting in Physical Coupling.) The Physical internal material is charge-folded, via EM electrostatic induced stress, into smaller Lattice like structural spaces. you just got to see this on these seasons of SECRETS of SKIN WALKER RANCH. The recovered ceramic-like material on SECRETS of SKIN WALKER RANCH is called a DOUBLE FOLDED MATERIAL (being a Solid). (If Gas media the wording is Reverse Field Configuration, or in some textbooks, Double Folded (Self Insulated) Vacuum derived Materials.

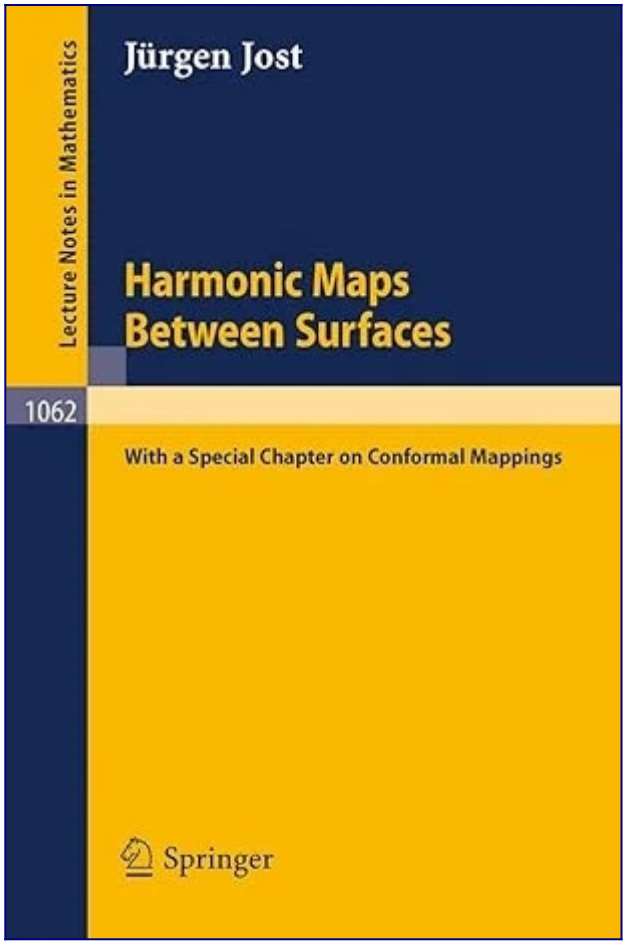
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

9 Sep 2025

Replying to @MrFilthyJohn

There will have already been USAF/NAVY Recon of said object years before it got this close. I have been away from the program for 5 years now. But back in the late 1990's, we sent antigravity, Brilliant Pebbles Block 30, Photo and ELINT probes to all objects emitting RF signatures, within our Solar System. Only advanced nonalcoholic aliens could sneak up on us. An object drifting in space would not be an advanced alien spacecraft. A technology we encountered and are now mastering, due to 100+ year old Math, is a Interdimensional spreading of Electron-to-Electron Space and building large structures in the engineered interspatial dimensional void. The advanced Aliens set up Real Estate, out of site, in your face. Using Harmonic Structures of Inter Electron to Electron spacing. Those groups are civil & professional military type in behavior. Our Navy Divers have witnessed Suited humanoids repairing their spacecraft underwater, while the diver watched the whole show, both sides knowing of each other presences. Many times over, since the 1950's.

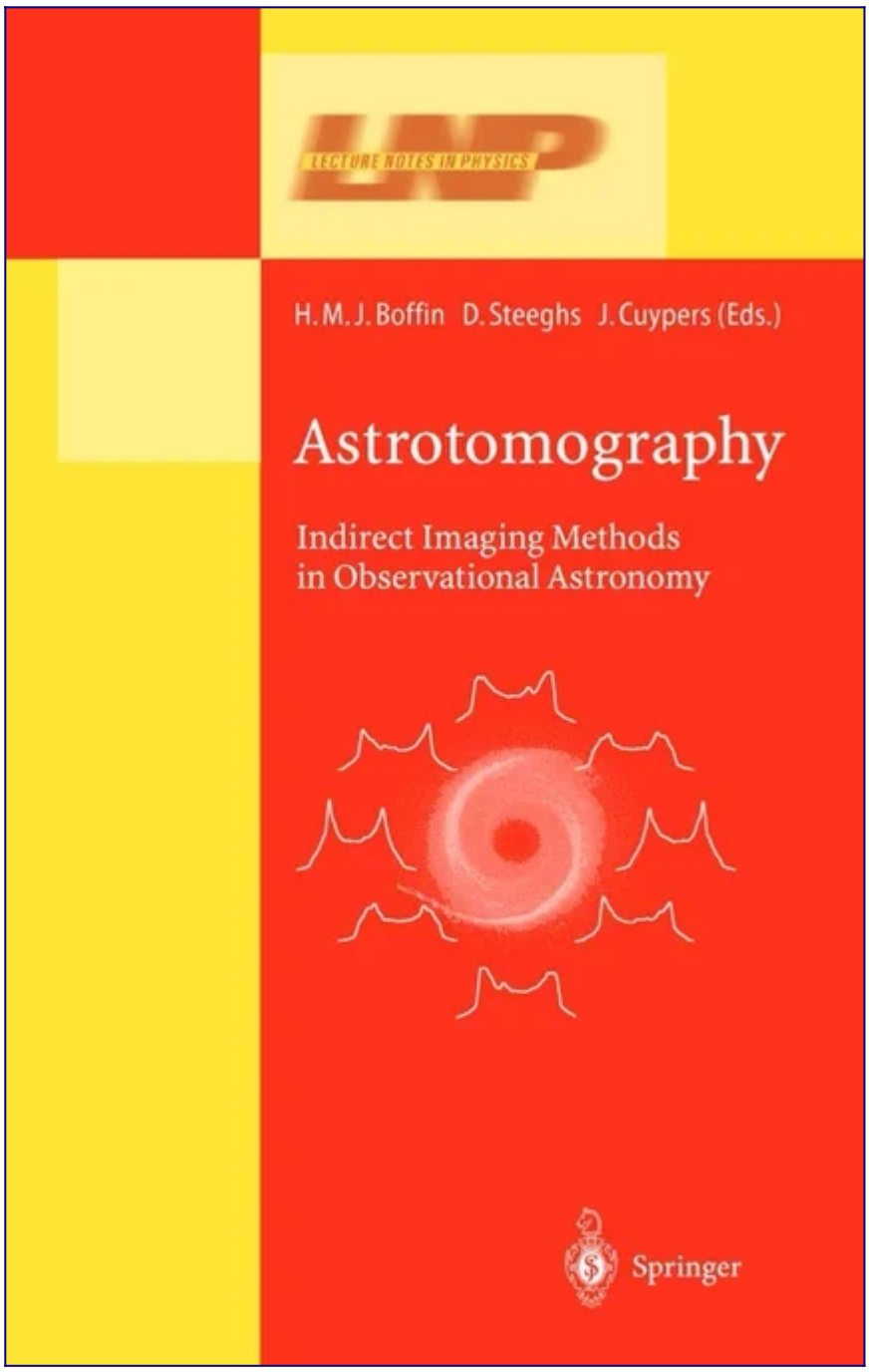


Progress in Nonlinear Differential Equations
and Their Applications

Yuanlong Xin

Geometry of Harmonic Maps

Birkhäuser


LECTURE NOTES IN PHYSICS
H. M. J. Boffin D. Steeghs J. Cuypers (Eds.)
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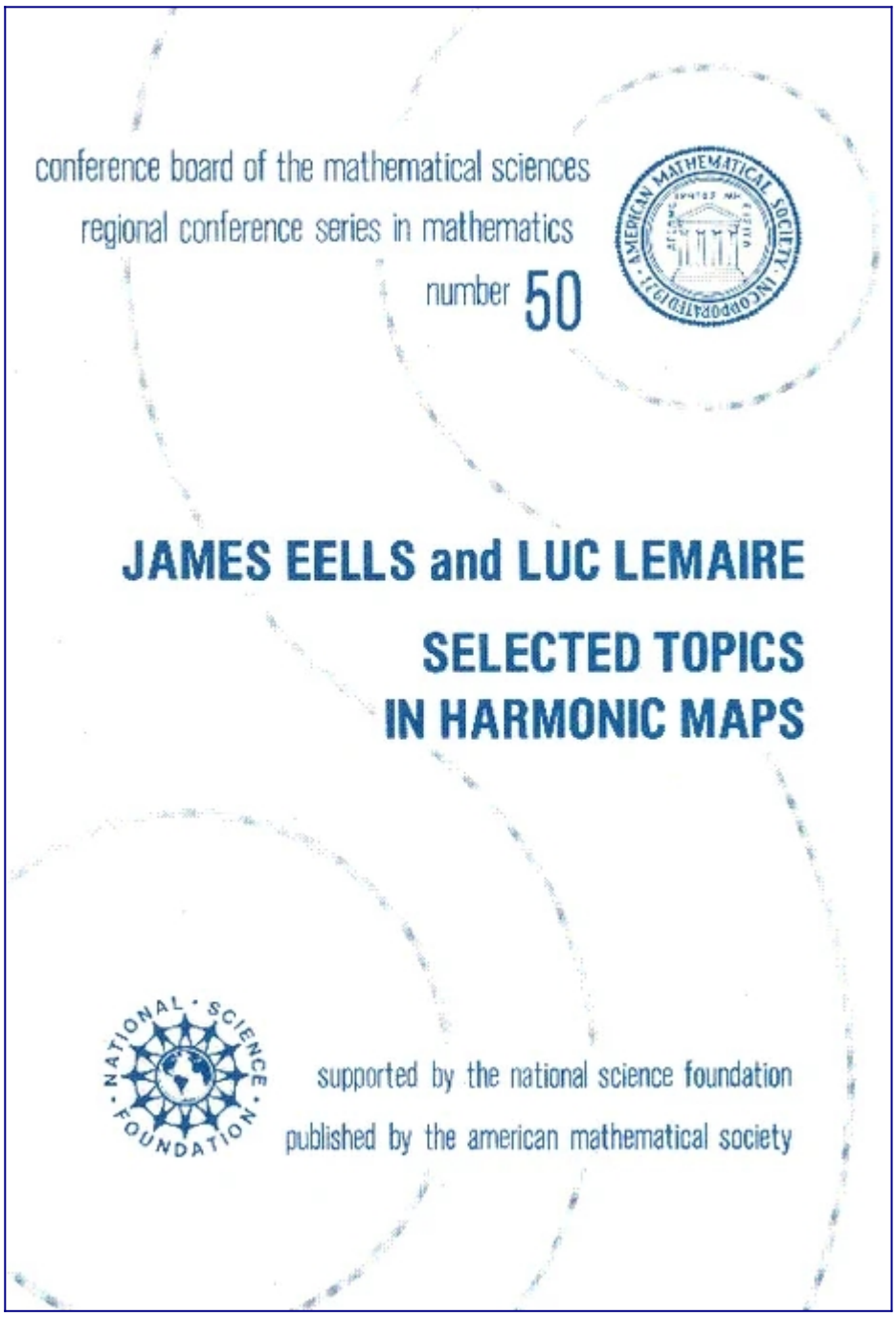
Indirect Imaging Methods
in Observational Astronomy
Springer



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"Coulomb mean-free-path is proportional to velocity." Chapter: Non-Local Transport of Electrons in Plasmas Free PDF Textbook. link.springer.com/content/pd…

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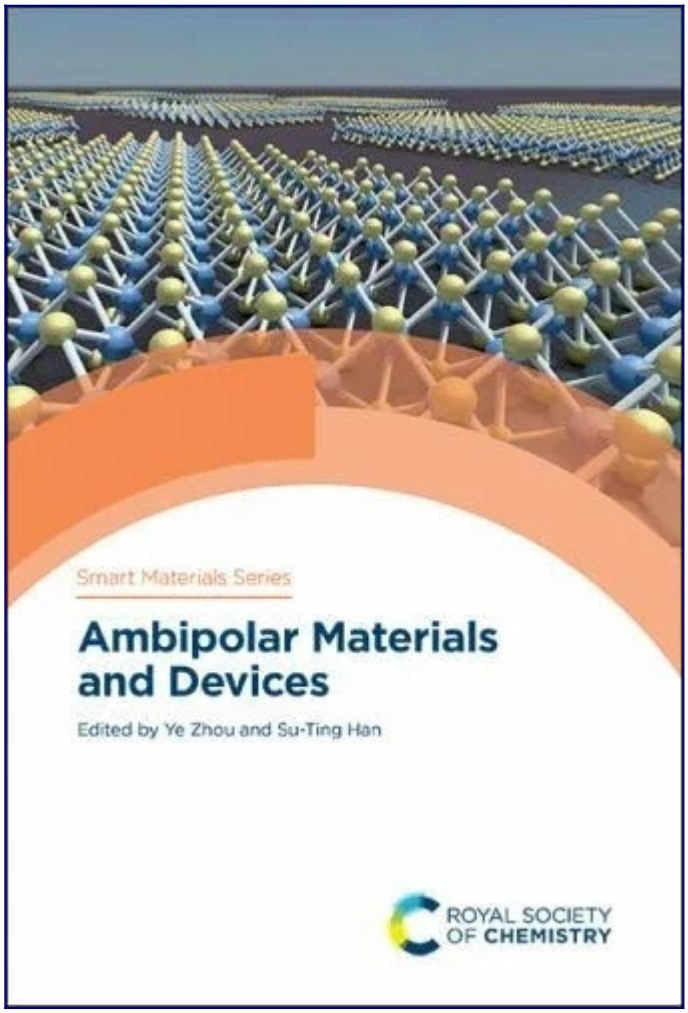
9 Sep 2025

Replying to @Cortex_Zero

You see, Ambipolar Materials. Thin-shell Cloth rigid bodies. Non DOD/DOE Recee Model. (Military Cocaine and Prostitution Complex product of hybrid-antigravity vehicle design.) Inferior to DOD/DOE designs. The Standing Plasma Vacuum wave/wake Bubble methodology in DOD/DOE antigravity vehicles, cannot be hit with a Reactionary Engine missile. If missile was

shot at a real DOD/DOE vehicle, The incoming missiles exhaust would negatively charge the field in its forward, pushing electrostatically against the vehicle from large Coulomb-Debye-Boltzmann @$$ grab screening length, before the missile arrives in locality, Shifting locality. The cheap Boeing Recee models are made to be stationary; they were made to be deployed from submarines back in the mid 1990's. AFRL refused to assist on that project. The model is made somewhere on the west coast at a Boeing Composite manufacturing facility. The civilian thin shell rigid bodies don't have much in the way of sophisticated electronics. SKE is main electronic faction. They are pressurized with nitrogen for internal ionization suppression. Missile will fly around the field, deviating both vehicles in locality but not in a collisional Space. Ambipolar material will store massive amounts of High energy in the form of Heat and convert the heat to electricity, like a battery. When certain Ambipolar Materials are charge, they float in the air, in 1995, I saw a demonstration of Ambipolar cloth material when the Corning Engineer threw the piece of cloth in the air, it looked like it was stuck in a slow transiting magnetic field. The cloth un-naturally and oddly slow drift back down to earth. The materials electrostatic Field is caught in the Adiabatic Medias Paramagnetic gas atmosphere.



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9 Sep 2025
Replying to @aphurford @MagnetReconnect
The longer the system length the higher Energy levels and more stable ION Beam.
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9 Sep 2025
Replying to @ChiefDinger @MagnetReconnect
AN/FPS-133 Air Force Space Surveillance System was a advanced space radar that utilized a Chain-Link-Fence as a antenna. en.wikipedia.org/wiki/Air_Fo…

Air Force Space Surveillance System - Wikipedia

en.wikipedia.org
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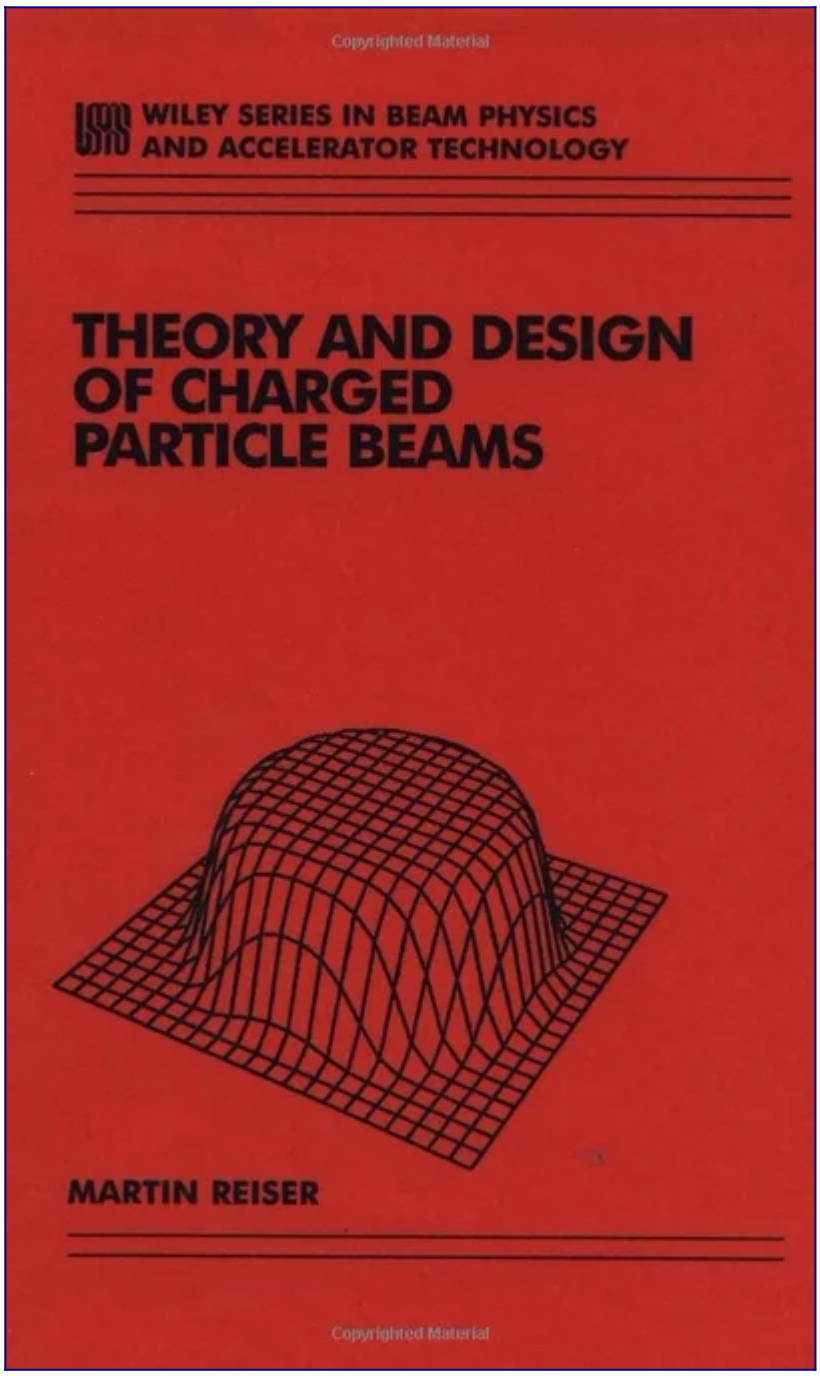
9 Sep 2025
Replying to @MagnetReconnect
I consider those small portable systems to be microscale system. The scale of USAF Covert Fixed Site Defensive Beam (ION+Betatron) Weapon Systems, is on a scale of size rivaling the CERN's Advanced-Money-Disintegrator, the LHC. USAF has a Rival to the LHC under Sandia Mountain, with better sensor but poor ventilation and inadequate lighting. Only Russia has a rival to our array of very large Vertical Beam Systems, consisting of over 10,000 vertical feet of Linear Accelerators, Wigglers and Electron Recyclers.



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equilibrium state, the pressure of this gas is balanced by the difference between the magnetic pressures outside and inside, since the field inside is reduced on account of the diamagnetism. The pressure in the longitudinal direction is balanced by the ponderomotive force exerted on the magnetised plasma by the non-uniform magnetic field (a diamagnetic substance being repelled from the strong field). It is not difficult to see that this state is stable in the longitudinal direction. For, if the gas moves towards one of the stoppers, the repelling force increases. To use a macroscopic analogy, the gas is trapped between the stoppers. At first sight it seems that the plasma would be unstable in the perpendicular direction, since a diamagnetic substance is repelled sideways towards the weaker field. However, this neglects the fact that the plasma is not simply a diamagnetic gas, but a rapidly rotating one, and the angular momentum per unit volume is $(2cn/eH)(MT_i - mT_e) \approx 2Mcn\ T_i/eH$. If a body is freely suspended in space, rotation does not prevent its movement in the direction of a force. If, however, it is fixed at two points, a rapid rotation gives it gyroscopic stability even if it is non-rigid, and an external force causes only further rotation. This is the case for the system with magnetic stoppers. The microscopic aspect of this stability is as follows. Under the action of the external force, particles begin to drift perpendicular to the force in the uniform field, but when they approach the stoppers, where the field is markedly non-uniform, they drift in circles and mingle in such a way that no electric field results which could cause a drift in the direction of the original force. The macroscopic instability problem is of the highest importance. Unfortunately, the diffusion theory of macroscopic phenomena in the plasma is here inapplicable, and so difficulties arise both in determing the equilibrium state and in ascertaining its stability. The problem can apparently be solved in the 'anti-diffusion' approximation, and work on this is now in progress [3, 4].

4. A special case is that where nT is very close to $H^2/8\pi$. The field of the plasma is then almost equal to the external field. The plasma is almost in equilibrium by virtue of its own field. The question of stability must be phrased differently. A qualitative discussion shows that in this state the equilibrium is stable for oscillations with frequencies less than the collision frequency. Since the time between collisions is very large (of the order of several seconds), the plasma is practically stable, apparently, in this mode of operation also; it should be recalled that, for example, the instability of a pinched current is due to collisions. The case where nT is close to $H^2/8\pi$ is interesting, not only because it gives the maximum particle density for given H, but also because, apparently, the action of the stoppers should be much enhanced, since the field in the plasma is almost zero and α is very small. In this mode of operation, however, the theory is no longer applicable, since the Larmor radius exceeds the dimensions of the system. We have not yet settled the question whether the action of the stoppers is enhanced. If this effect is marked, a self-sustaining thermonuclear reaction can be achieved quite easily, and so an investigation of the problem will be of particular interest.

5. We have not discussed the betatron radiation of electrons in a magnetic field. It has hitherto been assumed that the radiation is mostly trapped and does not leave the plasma. L. A. Artsimovich and M. A. Leontovich have pointed out that the work done on this problem may be in error, and that the radiation may not be trapped when the temperature is very high. It can be shown that, if this is so, the temperature of the electron gas heated by ions will be

$$T_e = mc^2\,[3Lm/4MV(2\pi)]^{2/5} \approx mc^2/13 \approx 38 \text{ keV}, \qquad (5.12)$$

whatever the ion temperature, when the plasma density has its greatest value for a given magnetic field ($nT = H^2/8\pi$). In this case there would be no possibility

of a self-sustaining thermonuclear reaction, since the transfer of energy from the ions to the electrons would be increased by a factor of about 10, and the efficiency of the reactor as a generator of neutrons would be considerably reduced. In reality, however, the radiation probably is trapped. This can occur in two ways : firstly, because the radiation is reflected from the boundary between the plasma and the vacuum and, secondly, because a wave emitted by one particle is absorbed by another on account of resonance. (These two effects pertain respectively to the real and imaginary parts of the dielectric constant of the plasma.) The first effect ceases when $T_e \sim mc^2$, but it may continue if the temperature at the plasma boundary is low. The second effect, according to Galitskii and Migdal [5], continues up to very high temperatures. However, the whole problem requires further careful investigation. In a system with magnetic stoppers the problem of betatron radiation is of great interest for another reason : when the radiation is effectively trapped, it may lead to the exchange of transverse energy between particles and so increase the flux of particles into the prohibited cone. We should expect that this is a collision effect, like the radiative thermal conduction, and is therefore small [5].

This effect applies only to electrons. In a stationary mode of operation, the electrons are retained in the system mainly by the positive potential of the plasma, and the interchange of velocities is therefore unimportant. In the initial stage, when the plasma potential is negative, the electron temperature is small and the effect is sufficiently reduced.

6. We have not discussed the effect of non-uniformities in the field on the motion of the particles. The drift due to the non-uniformity of the field considerably reduces the effect of this non-uniformity. It is possible, however, that some cumulative effect of particle scattering at non-uniformities of the field may occur, requiring special elimination.

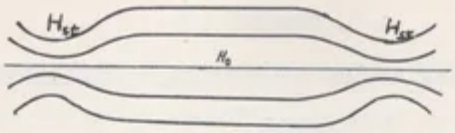

Fig. 1.

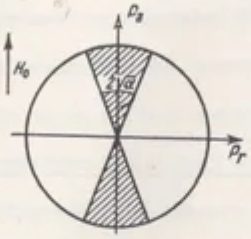

Fig. 2.

References

[1] L D Landau, Zhurnal éksperimental'noĭ i teoreticheskoĭ fiziki 7, 203, 1937; Physikalische Zeitschrift der Sowjetunion 10, 154, 1936.

[2] G. I. Budker, [this collection, vol. I, p. 122].

[3] G. I. Budker and S. T. Belyaev, [this collection, vol. II, p. 330].

[4] S. T. Belyaev, [this collection, vol. III, p. 50].

[5] V. M. Galitskiĭ and A. B. Migdal, [this collection, vol. I, p. 161].

3

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8 Sep 2025
Pumpy Thing Theory of Operation.

§ 5. The problem of direct transformation of thermonuclear energy into electrical energy

In thermonuclear reactors which operate with a fairly rarefied plasma it may be possible to convert thermonuclear energy directly into high-voltage electrical energy in an industrially economic manner; in this way the heat stage, the steam turbine, the dynamo and the step-up transformer are eliminated.

We have already shown that, in a reactor with stoppers in which a self-sustaining reaction occurs, high-voltage electrical energy (~ 1 MV) can be obtained by the retardation of the emerging ions and electrons. The ion current can be

separated from the electron current by means of a transverse magnetic field; since the process is stationary, the volume charges of each current will be balanced after separation by slow electrons and ions respectively. On account of the thermal distribution of velocities, the efficiency of such a system, with direct retardation, will be of the order of 50%, and the remaining energy will be converted into heat. It is quite possible that the efficiency can be considerably increased if the particles can be separated into several energy groups and each group retarded by the appropriate potential.

Besides this obvious method of obtaining electrical energy directly, we may also mention another, which we call the adiabatic demagnetisation method. This can be applied not only to the reactor discussed above, but also to any other thermonuclear reactor where the reaction takes place in a rarefied plasma.

The essence of the method is as follows. A thermonuclear reactor is placed in a solenoid with a magnetic field such that the time of revolution of the particles is much less than the time between collisions ($\omega\tau \gg 1$). Then, when the magnetic field changes, the transverse energy of the particles also changes (betatron heating or cooling of a gas):

$$\frac{dW_\perp}{dt} = \frac{W_\perp}{H}\frac{dH}{dt}. \qquad (5.1)$$

The author has previously shown [2] that, for a certain mode of periodic variation of the field, the plasma can be continuously heated. Collisions were of some importance, since without collisions the reversibility of the laws of mechanics renders continuous heating impossible.

Let us consider, for definiteness, the following cycle of energy removal from a plasma by the method of adiabatic demagnetisation, using as the irreversible process not the exchange of energy between the transverse and longitudinal

components, as in [2] and § 4, but the evolution of thermonuclear energy and cooling of the plasma by thermal conduction and similar means. Let the plasma temperature at the beginning of the cycle be T and the magnetic field H_o. We perform the following operations.

1. We reduce the field to H_1 (for definiteness, in a time less than the collision time). The transverse energy of the plasma is reduced by a factor H_1/H_o, and the lost energy is transformed into energy of the electric current in the windings:

$$q_+ = T_o N(1-H_1/H_o), \tag{5.2}$$

where N is the total number of particles. The plasma temperature becomes

$$T_1 = \tfrac{1}{3}T_o(1 + 2H_1/H_o). \tag{5.3}$$

2. We choose a mode of operation such that the plasma continues to lose heat by thermal conduction, and continue until its temperature has fallen by a factor k ($T_2 = T_1/k$). An amount of energy

$$q_o = \tfrac{3}{2} T_1 \frac{k-1}{k} N = \tfrac{1}{2}T_o \left(1 + 2\frac{H_1}{H_o}\right) \frac{k-1}{k}N \tag{5.4}$$

thus enters the 'refrigerator'.

3. We raise the magnetic field to its original value H_o. To do so, an amount of energy

$$q_- = T_2 \left(\frac{H_o}{H_1} - 1\right)N = \frac{T_o}{3k} \left(1 + \frac{2H_1}{H_o}\right)\left(\frac{H_o}{H_1} - 1\right)N \tag{5.5}$$

is required, and the temperature becomes

$$T_3 = \tfrac{1}{3} T_2\left(1 + 2\frac{H_o}{H_1}\right) = \frac{T_o}{9k} \left(1 + 2\frac{H_o}{H_1}\right)\left(1 + 2\frac{H_1}{H_o}\right). \tag{5.6}$$

We choose k and H_o/H_1 such that T_3/T_o is small (see below) and then set up a mode of operation such that the plasma is heated to its initial temperature T_o.

This cycle of adiabatic cooling, cooling by thermal conduction, adiabatic heating, and heating by thermonuclear reactions brings us back to the original state, an amount of energy $q_+ - q_-$ having been transferred to the windings and q_0 to the refrigerator. The condition that energy has been removed ($q_+ > q_-$) gives the depth of modulation of the field as a function of k:

$$1 > H_1/H_0 > 1/(3k - 2). \tag{5.7}$$

For a greater depth of modulation there will be a continuous betatron heating of the plasma. The efficiency of the transformation of thermonuclear energy into electrical energy is

$$\eta = \frac{q_+ - q_-}{q_+ - q_- + q_0} = 1 - \frac{3x(k - 1)(1 + 2x)}{9kx - 2x^2 - 5x - 2}, \tag{5.8}$$

where $$x = H_1/H_0.$$

For given k, η has a maximum when

$$x = \sqrt{[5/(9k - 4)]}, \tag{5.9}$$

and varies from zero (when $x = k = 1$) to $\frac{2}{3}$ (when $k \to \infty$, $x \to 0$). A more efficient cycle is obtained when the magnetic field varies in a time large compared with the time between collisions, if this is allowed by the mode of operation of the reactor. In this case

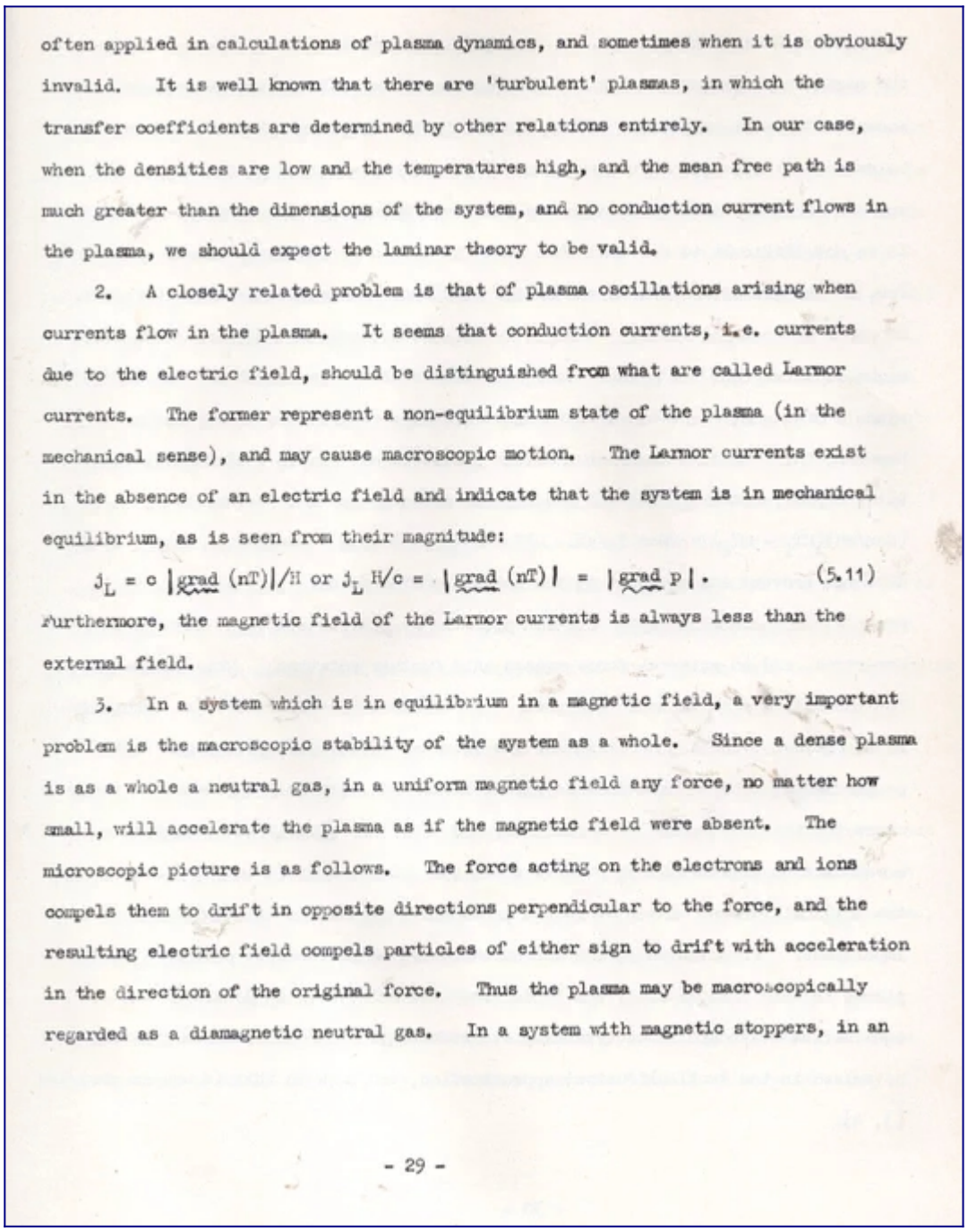
$$\eta = 1 - (H_1/H_0)^{2/3}, \tag{5.10}$$

and can in principle be made almost equal to unity.

§ 6. Some comments

In this section we shall deal with some important topics not considered above which require further careful investigation.

1. The calculations are based on the laminar theory of the plasma, i.e. that which takes account only of binary collisions between particles. This theory is



often applied in calculations of plasma dynamics, and sometimes when it is obviously invalid. It is well known that there are 'turbulent' plasmas, in which the transfer coefficients are determined by other relations entirely. In our case, when the densities are low and the temperatures high, and the mean free path is much greater than the dimensions of the system, and no conduction current flows in the plasma, we should expect the laminar theory to be valid.

2. A closely related problem is that of plasma oscillations arising when currents flow in the plasma. It seems that conduction currents, i.e. currents due to the electric field, should be distinguished from what are called Larmor currents. The former represent a non-equilibrium state of the plasma (in the mechanical sense), and may cause macroscopic motion. The Larmor currents exist in the absence of an electric field and indicate that the system is in mechanical equilibrium, as is seen from their magnitude:

$$j_L = c\,|\operatorname{grad}(nT)|/H \text{ or } j_L H/c = |\operatorname{grad}(nT)| = |\operatorname{grad} p|. \qquad (5.11)$$

Furthermore, the magnetic field of the Larmor currents is always less than the external field.

3. In a system which is in equilibrium in a magnetic field, a very important problem is the macroscopic stability of the system as a whole. Since a dense plasma is as a whole a neutral gas, in a uniform magnetic field any force, no matter how small, will accelerate the plasma as if the magnetic field were absent. The microscopic picture is as follows. The force acting on the electrons and ions compels them to drift in opposite directions perpendicular to the force, and the resulting electric field compels particles of either sign to drift with acceleration in the direction of the original force. Thus the plasma may be macroscopically regarded as a diamagnetic neutral gas. In a system with magnetic stoppers, in an

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7 Sep 2025
Replying to @Cortex_Zero
Saucer shaped antigravity vehicle has lots of wasted space and engineering constraints. they are wasteful of money, prone to engineering unreliable pressurization problem structures. No leaks allowed. Landing Gear is the only easy systems integration on a saucer model. Dipole (Hotdog) Shaped vehicles have far less engineering constraints at the Initial design and CFD stage.
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yes, Cancer Vaccine.
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spiegel.de/wissenschaft/mens…

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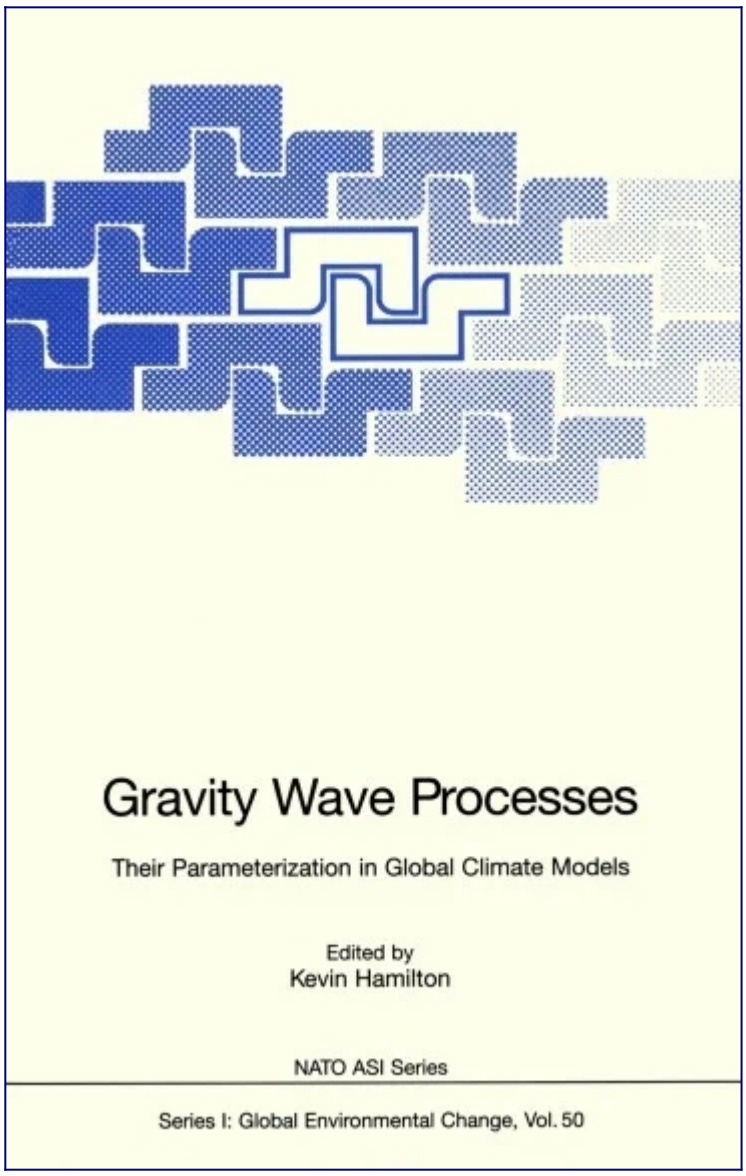
7 Sep 2025
Replying to @dutch1777real
The primary purpose of Pergamon was to translate Russian textbooks, to English, during the Cold War. U.S. academia couldn't break the Marxist Stranglehold on Russian Physics Engineering. Marxist at MI6 were able to convince the USSR of "Technology Sharing", (along with big bribes) Maxwell's Pergamon Russian language translators were given access to Russia's top Physical scientist, during the Cold War. Another note: The NATO ASI textbook series is the textbook of the breakawy civilization. If a textbook is already in print and of high-quality information, it may have been re-printed in the NATO ASI SERIES for the Reference Library's. At NATO's Core is the super A-Holes 5 Eyes, rarely do they have children. They get in your face and talk down to you telling you 5 eyes has authority over your government. They run one of 2 Human breakaway civilization fronts. The DOD/DOE antigravity program has nothing to do with the breakaway programs. The 2 Breakaways (1 Fabian Pedophile Socialist mostly MI6, and one Satanic). Both breakaway organizations steal technology and kill engineers all the time. They recruit lots of alcoholic engineers, like it must be required experience. Most DOD covert program engineers I know, whom are still alive, choose to live the rest of their life on a US military installation. Lockheed and Boeing would love to recruit a DOD antigravity vehicle engineer. Last I heard, their still stuck at 9,200 mph (+- 150mph) at max speed. (Their models are slow.....) AN interesting Rabbit Hole.. Go to Ebay-BOOKS or Amazon-BOOKS and type NATO ASI series. Very interesting titles- some on Behavioral Modification and Social Programing/Engineering of Society.
en.wikipedia.org/wiki/Pergam…



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4 Sep 2025
Replying to @fractal_verse
Kerr Shift in Spectral Emissions. Thermal Wandering Optical Properties.
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4 Sep 2025
Replying to @LockStep13 @boomers_ass
Stealth is a False Sales Concept. High End Fighter Radar detects Air Turbulence for accurate Stealth tracking. The Air Turbulence is Highly reflective and of great size to high GHz Radars.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
4 Sep 2025
Replying to @dutch1777real
In Manufacuring DOD/DOE antigravity vehicle fuselage skin panels, cesium doping adds a LONG REACH COULOMB-DEBYE ASS GRABBING field that is @$$-grabby toward Electrons and slippery for IONS. This channels heat toward the small 2 DOF space for Electrons to electron spacing thermal flow but is resistive toward Thermal flow toward macroscopic Ion scale. Using Electrodynamically modified materials, Black Glassy Silicone, thermal heat prefers to flow from the ion, toward the electron, but is inhibited in a diode like juncture function from allowing thermal

heat to flow from the electron upward to to macroscale of Ions and molecules. Heat pumps in Nuclear Force Transit in a One Degree of Freedom methodology in these panels. To trap the cesium as a oxide and to prevent cesium diffusing from the skin surface. After application of the thin cesium dopped layer, a 50 to 90nm thick layer of CALCIUM COPPER TITANATE is applied with a Metalic Vapor Deposition. Then the surface is Local heat saturated at it's highest vacuum, while cooling for gas diffusion from the surface reducing to a glassy surface.
en.wikipedia.org/wiki/Black_…

Black silicon - Wikipedia

en.wikipedia.org
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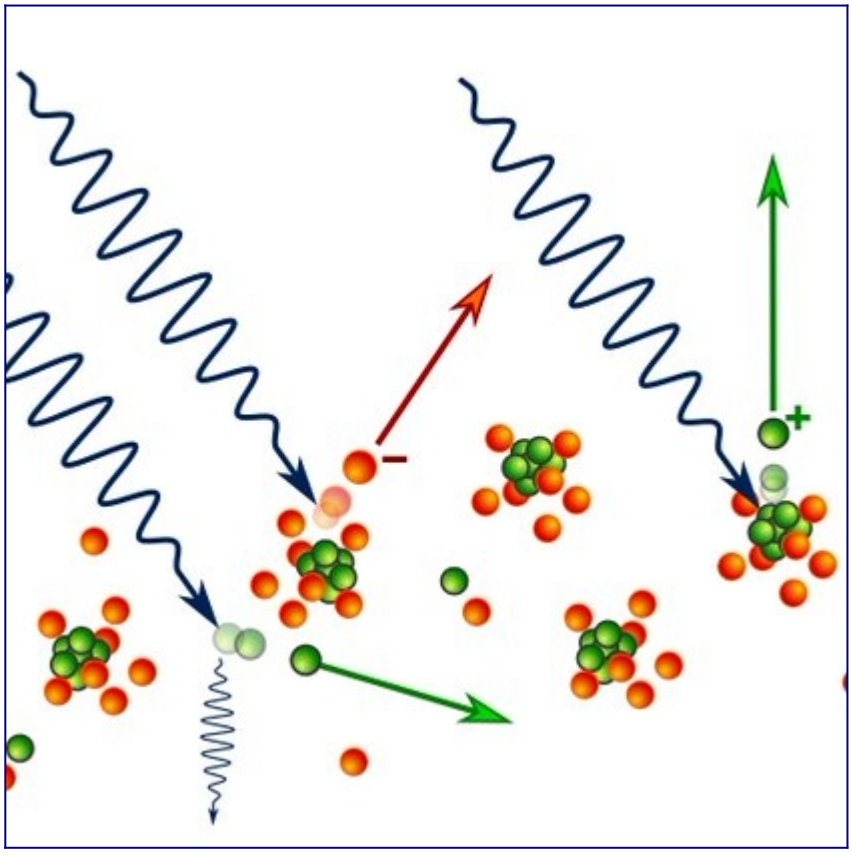
4 Sep 2025
Replying to @dutch1777real
Special Sauce for Photoionization Induced Pair Production. en.wikipedia.org/wiki/Pair_p…



Pair production - Wikipedia

en.wikipedia.org
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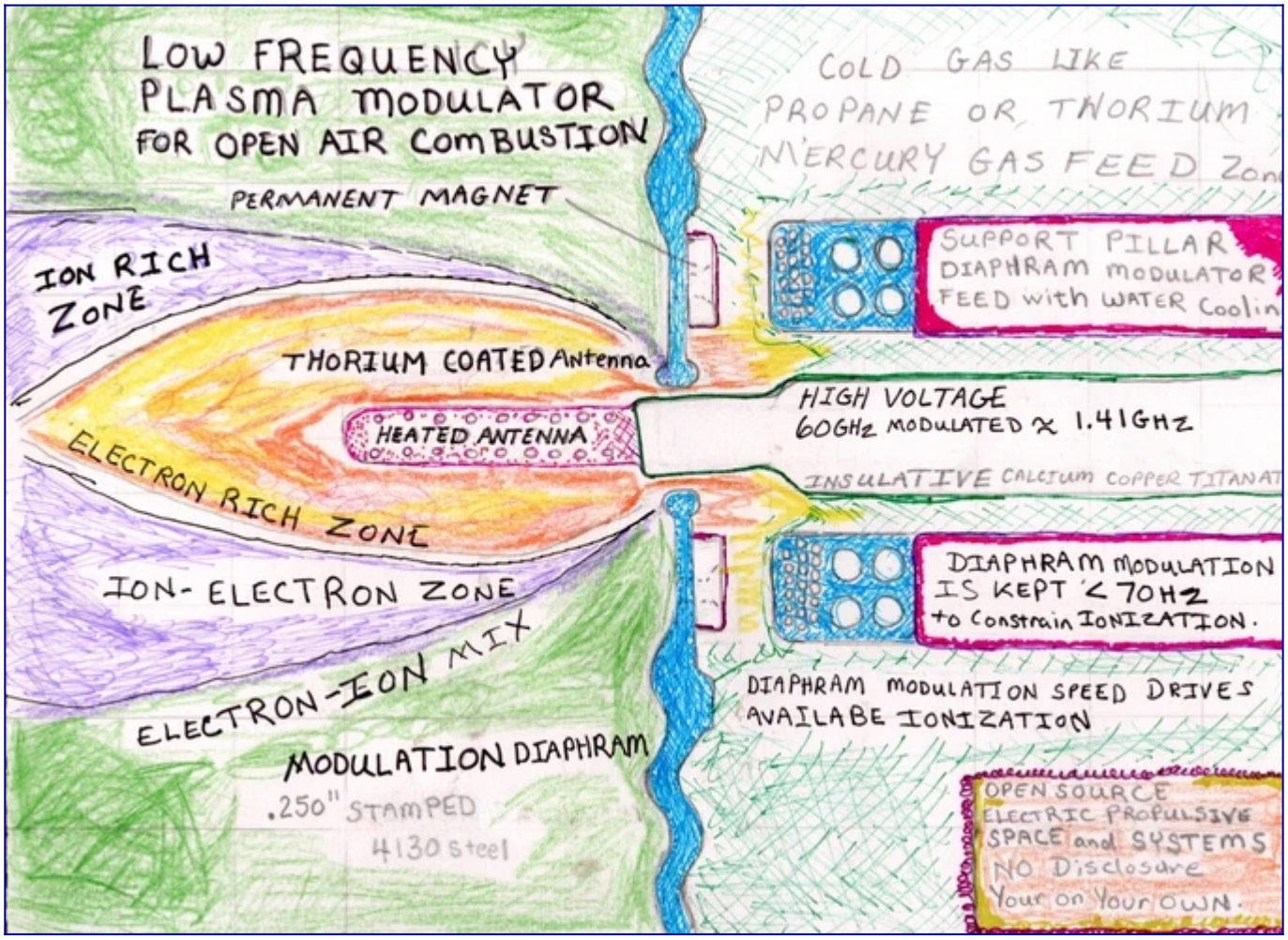
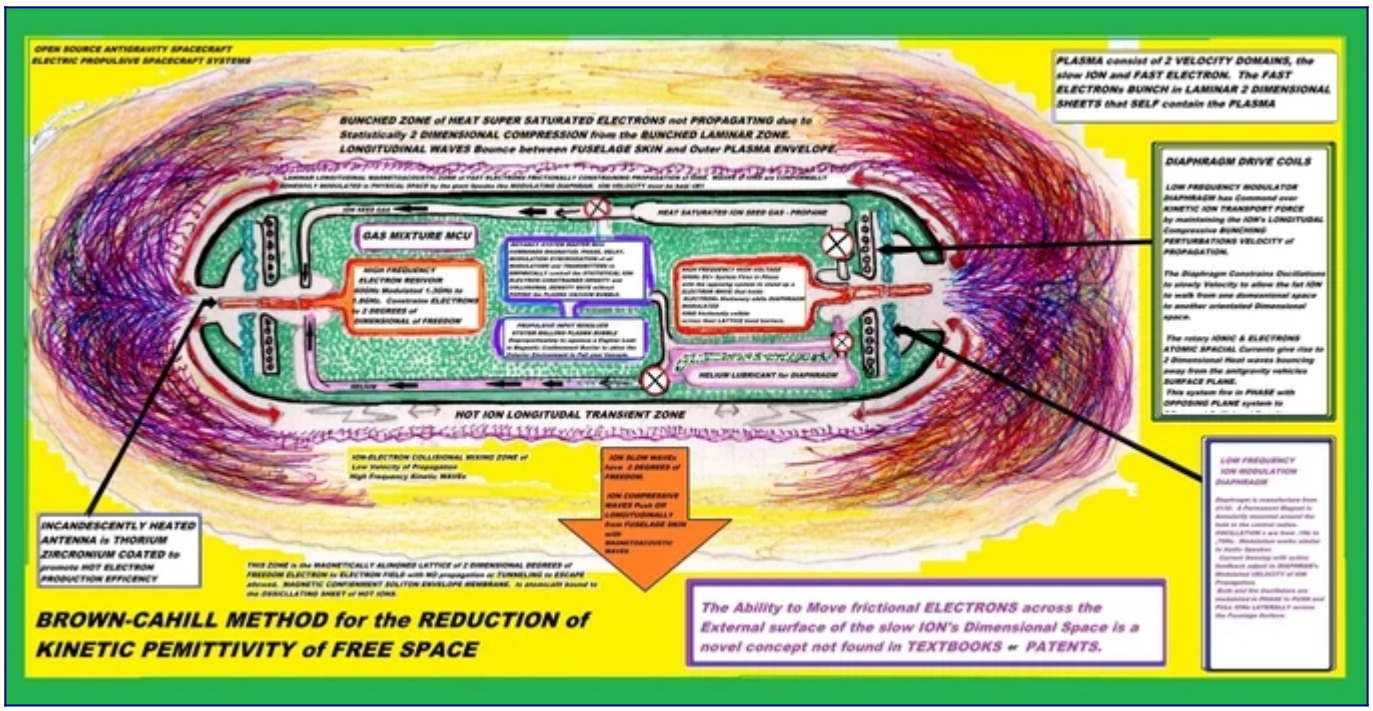
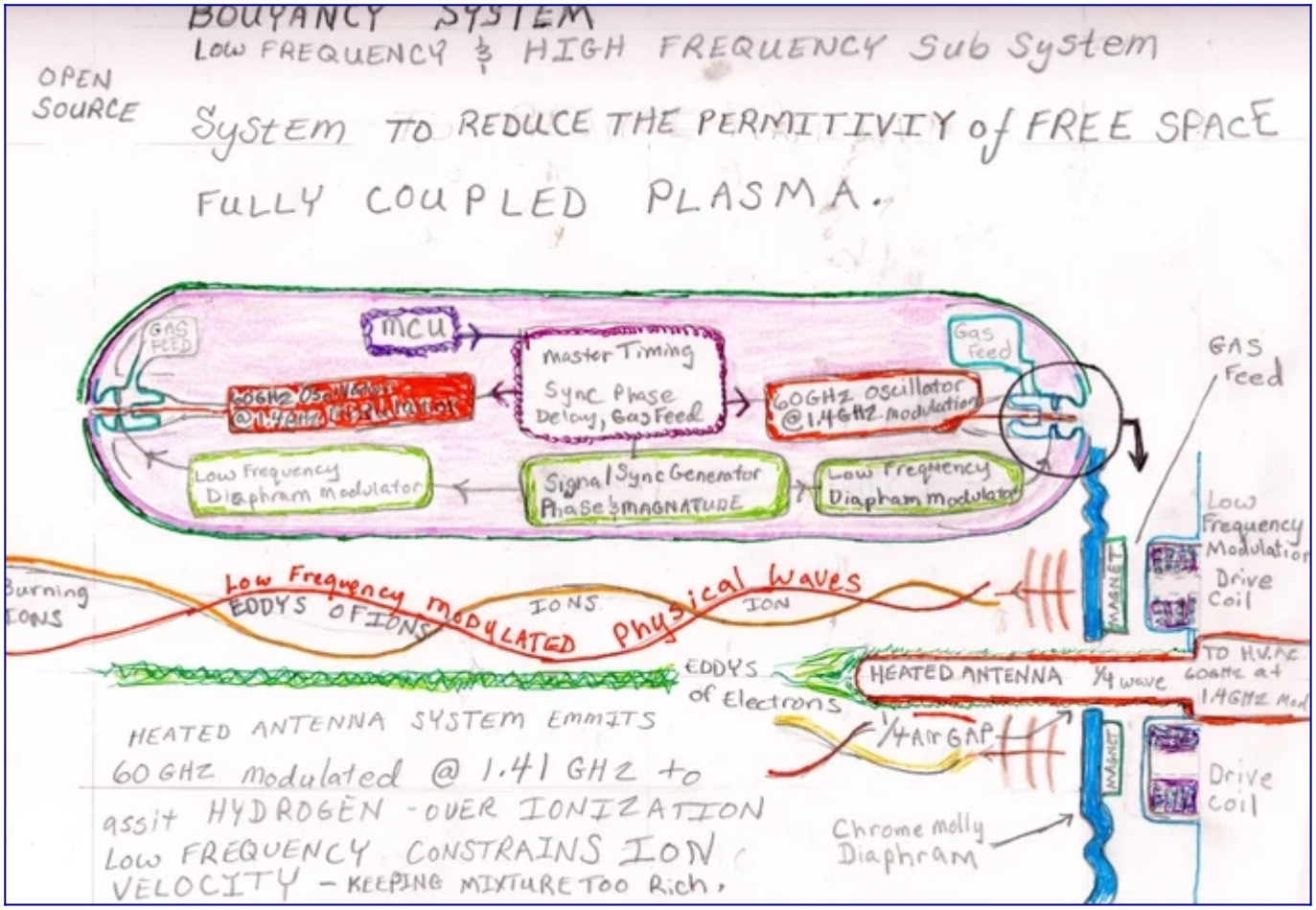
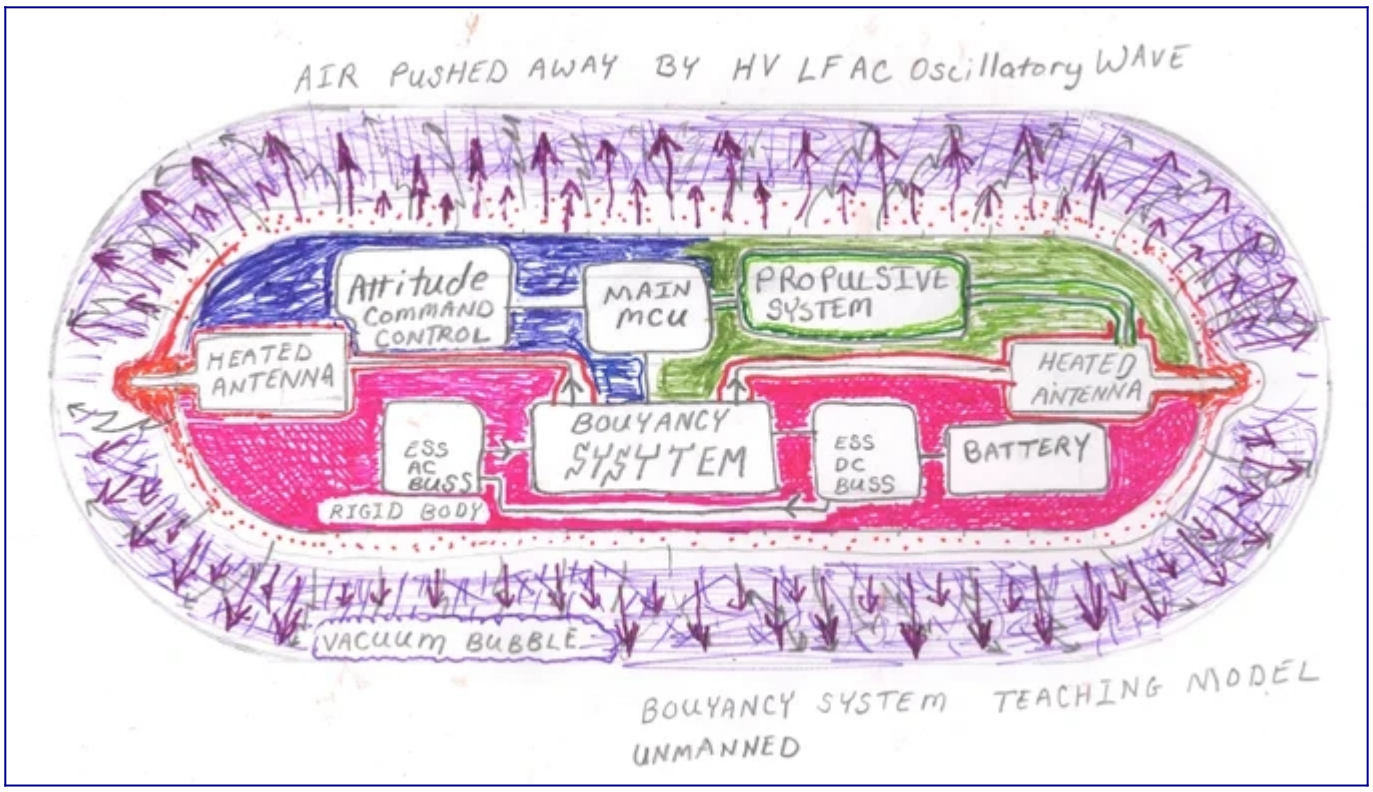
3 Sep 2025
In Engineering Antigravity vehicle skin panels, the last step of Super-Amphoras (Glassy Black) Fused Silicone Panel Manufacuring is to finish with a semi sintered but closed fused surface and final layers of High K Dielectrics, sometimes doped with Cesium The desired (TDA) NUCLEAR

Electron to ION and ELECTRON to Electron is engineered to generate a LEIDENFROST effect at the fuselage solid to surrounding Interfacial Media surface, making Ion slide more easily in a plane parallel to the fuselage surface. When the Antigravity vehicles Buoyancy Field is energized, the vehicle's oscillatory Low Frequency Ion dense fields draw back and forth, from end to end, via direct physical modulation with large speaker-like diaphragms to hold Ion s fixed to the fuselages surface waiting for any hint of, renormalization, ending random momenta orientation from the energized field, Till Ion Collisional heat the Ions into the surrounding, non-dissipating Plasma Vacuum Bubble.




OPEN SOURCE ANTIGRAVITY SPACECRAFT
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
PLASMA consist of 2 VELOCITY DOMAINS, the slow ION and FAST ELECTRON. The FAST ELECTRONs BUNCH in LAMINAR 2 DIMENSIONAL SHEETS that SELF contain the PLASMA
BUNCHED ZONE of HEAT SUPER SATURATED ELECTRONS not PROPAGATING due to Statistically 2 DIMENSIONAL COMPRESSION from the BUNCHED LAMINAR ZONE.
LONGITUDINAL WAVES Bounce between FUSELAGE SKIN and Outer PLASMA ENVELOPE.
GAS MIXTURE MCU
HIGH FREQUENCY ELECTRON RESIVOIR
HEAT SATURATED ION SEED GAS - PROPANE
HELIUM LUBRICANT for DIAPHRAGM
HOT ION LONGITUDAL TRANSIENT ZONE
DIAPHRAGM DRIVE COILS
LOW FREQUENCY MODULATOR DIAPHRAGM has Command over KINETIC ION TRANSPORT FORCE by maintaining the ION's LONGITUDAL Compressive BUNCHING PERTURBATIONS VELOCITY of PROPAGATION.
The Diaphragm Constrains Oscillations to slowly Velocity to allow the fat ION to walk from one dimensional space to another orientated Dimensional space.
The rotary IONIC & ELECTRONS ATOMIC SPACIAL Currents give rise to 2 Dimensional Heat waves bouncing energy from the antigravity vehicles SURFACE PLANE.
This system fire in PHASE with OPPOSING PLANE system to
LOW FREQUENCY ION MODULATION DIAPHRAGM
INCANDESCENTLY HEATED ANTENNA is THORIUM ZIRCRONIUM COATED to promote HOT ELECTRON PRODUCTION EFFICIENCY
ION SLOW WAVEs have 2 DEGREES of FREEDOM
ION COMPRESSIVE WAVES Push OFF LONGITUDINALLY from FUSELAGE SKIN with MAGNETOSTATIC WAVES
BROWN-CAHILL METHOD for the REDUCTION of KINETIC PEMITTIVITY of FREE SPACE
The Ability to Move frictional ELECTRONS across the External surface of the slow ION's Dimensional Space is a novel concept not found in TEXTBOOKS ∞ PATENTS.


BOUYANCY SYSTEM
Low FREQUENCY & HIGH FREQUENCY Sub System
OPEN SOURCE
System TO REDUCE THE PERMITIVIY of FREE SPACE
FULLY COUPLED PLASMA.
GAS FEED
MCU
Master Timing
Sync Phase Delay, Gas Feed
60GHz Oscillator @1.4GHz modulation
Low Frequency Diapham Modulator
Signal Sync Generator Phase & MAGNATURE
Low Frequency Diapham Modulator
Gas feed
GAS Feed
Low Frequency Modulation Drive Coil
Burning IONS
Low Frequency modulated Physical Waves
EDDYS OF IONS
IONS
ION
MAGNET
EDDYS of Electrons
HEATED ANTENNA
¼ wave
TO H.V.A.C. 60GHz at 1.4GHz Mod
¼ AirGAP
MAGNET
Drive Coil
HEATED ANTENNA SYSTEM EMMITS
60 GHz modulated @ 1.41 GHz to
assit HYDROGEN - OVER IONIZATION
Low FREQUENCY CONSTRAINS ION
VELOCITY - KEEPING MIXTURE TOO Rich,
Chrome molly Diaphram



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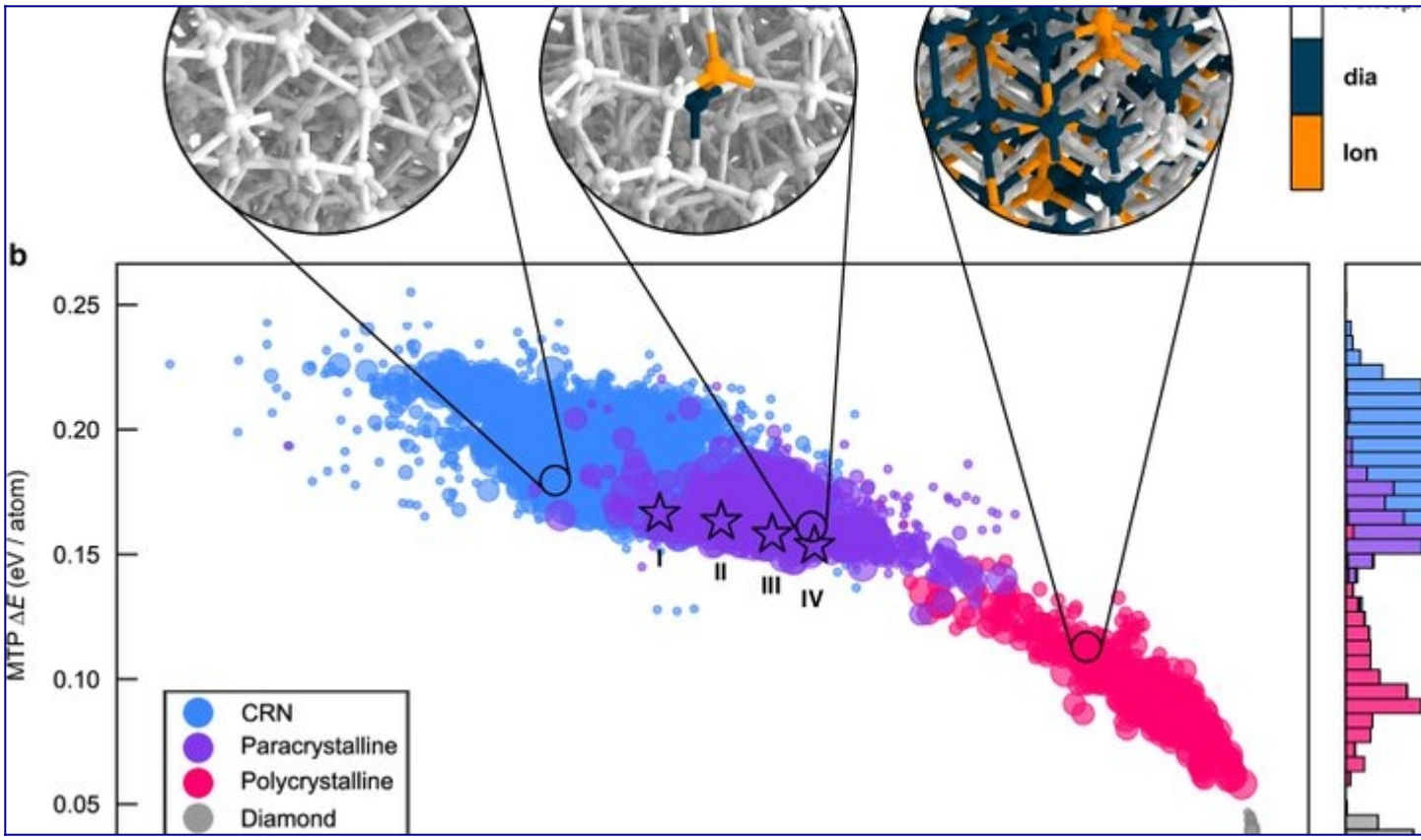
@TMBSPACESHIPS
3 Sep 2025
Replying to @technosigtech
I would like to say, I do not use standard words or modern fake science such as Black Hoes, Gravitons, Tachyons, Worm-Hole-Gay-Sex and such scientific nonsense as 'Paying Property Taxes, is Paying Rent to the REAL OWNER of the PROPERTY, the Communist Manifesto inspired County Property Taxing Board'. I have eaten more than 10,000 textbooks in my lifetime and most are still in my personal REFERENCE library. All DOD/DOE covert technology is in the textbooks, hidden from comprehension by lack of attention. I saw no technology that was not historically traceable in mankind's research of Nuclear Scale Physics. The surface of DOD/DOE antigravity vehicles have a engineered surface Super-Amphoras Silicone Array, as used in DOD/DOE antigravity vehicle fuselage Engineering. The fuselage surface is covered in a modular (for serviceability), Hexcell Array of advanced engineered high energy manufactured, Solid Crystaline Silicone Electret. Some Crystaline fuselage panels have Gas Feeds and Porus Crystal surface for Oxygen to feed out, for increasing plasma local velocity for collisional) Some regions of the fuselage have back-heated Amphoras Silicone. Some are wired as Ion Emitters and Sensor panels with Black Glassy Silicone, Crystal Bed Grown, Electret panels. What differentiates normal Amphoras Silicone from Super-Amphoras is the Manufacuring process. Super Amphoras Silicone Panels are Chrome Molly Structural Panels bonded to a ultra-thin first layer of copper, then Borosilicate 2nd layer, the Panel is then Vacuum induction heated, and Plasma cleaned to remove any loose Ions. The 2nd step of the manufacturing is to introduce a small amount of Hydrogen and Helium and pressure equivalent to low earth orbit. Next process is Chemical vapor deposition to build highly purified silicone to desired thickness. Final CVD involves Photoetch a conductor pattern into the surface, approximately 90nm thick of High K Dielectrics. (To help surface hardness). At the final step, while the panel is still in the vacuum chamber, the panel is Induction Heated (to increase interfacial bond strength). It is at the last step, the magic happens. Just after

hitting the three point 'plastic' phase, when cooling, a greater vacuum than previously drawn in applied to the vacuum chamber as the Black Glassy Silicone Panel cools, voids are formed in the interior as Hydrogen and Helium gasses out of the silicone stucture, they a small voides, 50 to 150nm voids. These small voids increase structural strength but also conside what is inside the voids. Nothing but Inelasticlly held Free Electrons, held in a Fixed, in a Non-linear/Shock-type granular structure that the electrons find their path superfluid in One Direction of Freedom. In simple words the Voids are filled with Free Electrons under Compression. When heated they have very long Coulomb-Debye-Maxwell-Boltzmann reach, but never leave the locality of their void. The critical step in Manufacuring antigravity vehicle fuselage skin panels is Drawing a greater vacuum after you contaminated the silicone with Hydrogen and helium, then diffusing it out with heat at the critical 3-point phase to engineer the voids. That was another of my many contributions to the US DOD.DOE antigravity vehicle program. Engineered Black Glassy Engineered Ambipolar Electret Skin Panels. Modern re-research of 1930's Paracrystalinity. Same information- noting new but AI's view, I guess. nature.com/articles/s41467-0…



Signatures of paracrystallinity in amorphous silicon from machine-learning-driven molecular dynamics

Nature Communications - Conflicting theories exist on the structure of amorphous silicon. Here the authors use machine-learning-driven molecular dynamics to show that amorphous Si can accommodate a...

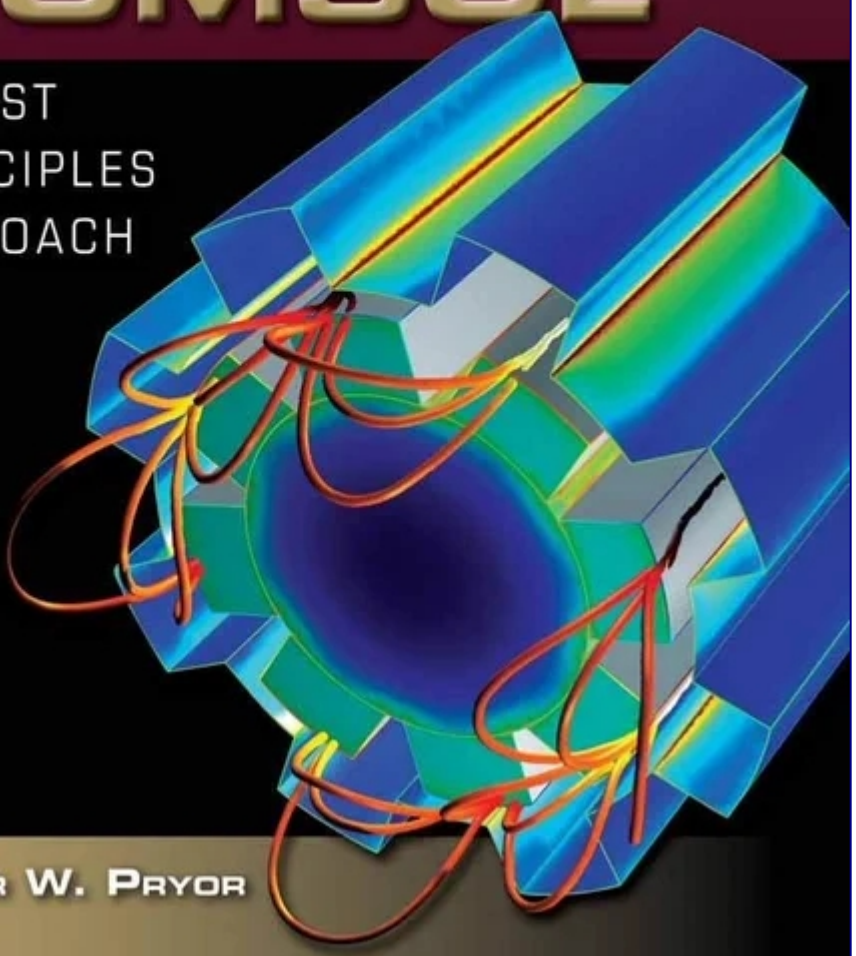
nature.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Sep 2025

Replying to @boomers_ass
Idiots at Boeing trying to sell the USAF a Advanced MBIS Tanker. MBIS- Make Believe It's Stealth. twz.com/stealthy-tanker-tran…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Sep 2025
Replying to @technosigtech
Like COMSOL Multiphysics and OPENFOAM. Bringing CFD to Antigravity vehicle Engineering requires drawing knowledge from many fields to Engineer Efficient weight per Float watt power consumption. All Antigravity vehicles must be CFD driven-engineering, to define the lowest wattage consumption for Float power expenditure with the materials, methodologies, applications, Fuels, and Ion seed gas utilized in the Buoyancy Field System engineering.

MULTIPHYSICS MODELING USING COMSOL®

A FIRST PRINCIPLES APPROACH



ROGER W. PRYOR

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Sep 2025

While this papers main subject is Pebble Bed Reactors, the sections of Lattice Boltzmann application in defining BOUNCE BACK BOUNDARY CONDITIONS is very eazy to comprehend. filelist.tudelft.nl/TNW/Afde…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Sep 2025

Replying to @AshtonForbes @ashtonforbes

Staged Investigation Army report: Self-doubt and sleep deprivation led to 2-star's suicide. 2 Star had self-Doubt? Military brother, do you believe that. Gen. Rossi was a good friend and it is my opinion he did not commit suicide, I beleve, Gen. Rossi was killed because of a incident, reported to the pentagon IG, that he would not transfer nuclear weapons to private hands, just months prior in an attempted Nuclear Weapons theft from Ft. Sill. Gen. Rossi knew DOE takes all custody of nuclear weapons, not private contractors. armytimes.com/news/your-army… I

Army report: Self-doubt and sleep deprivation led to 2-star's suicide

Maj. Gen. John Rossi was two days away from pinning on a third star and taking the reins at U.S. Army Space and Missile Defense Command last July when he hanged himself.

armytimes.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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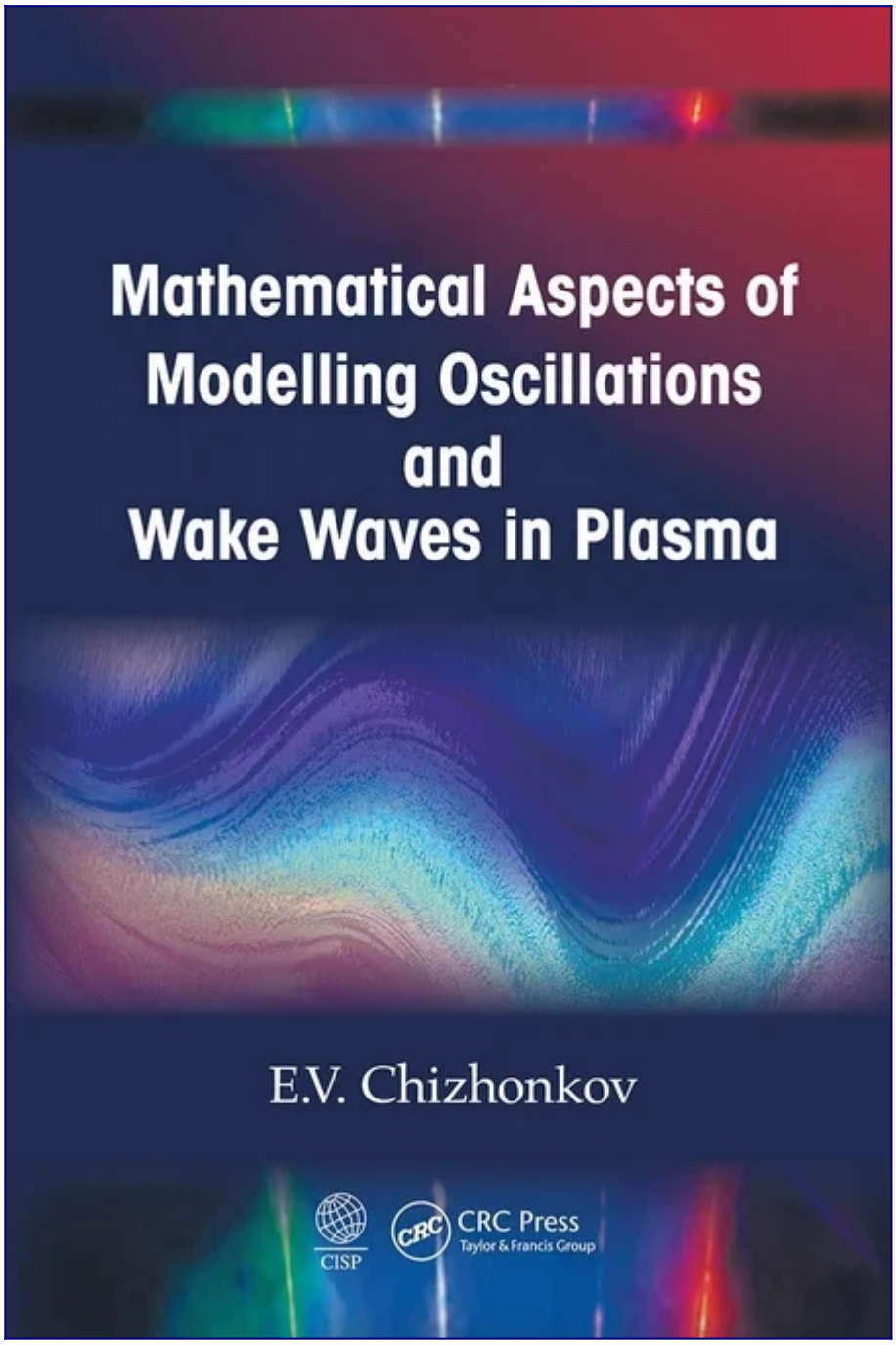
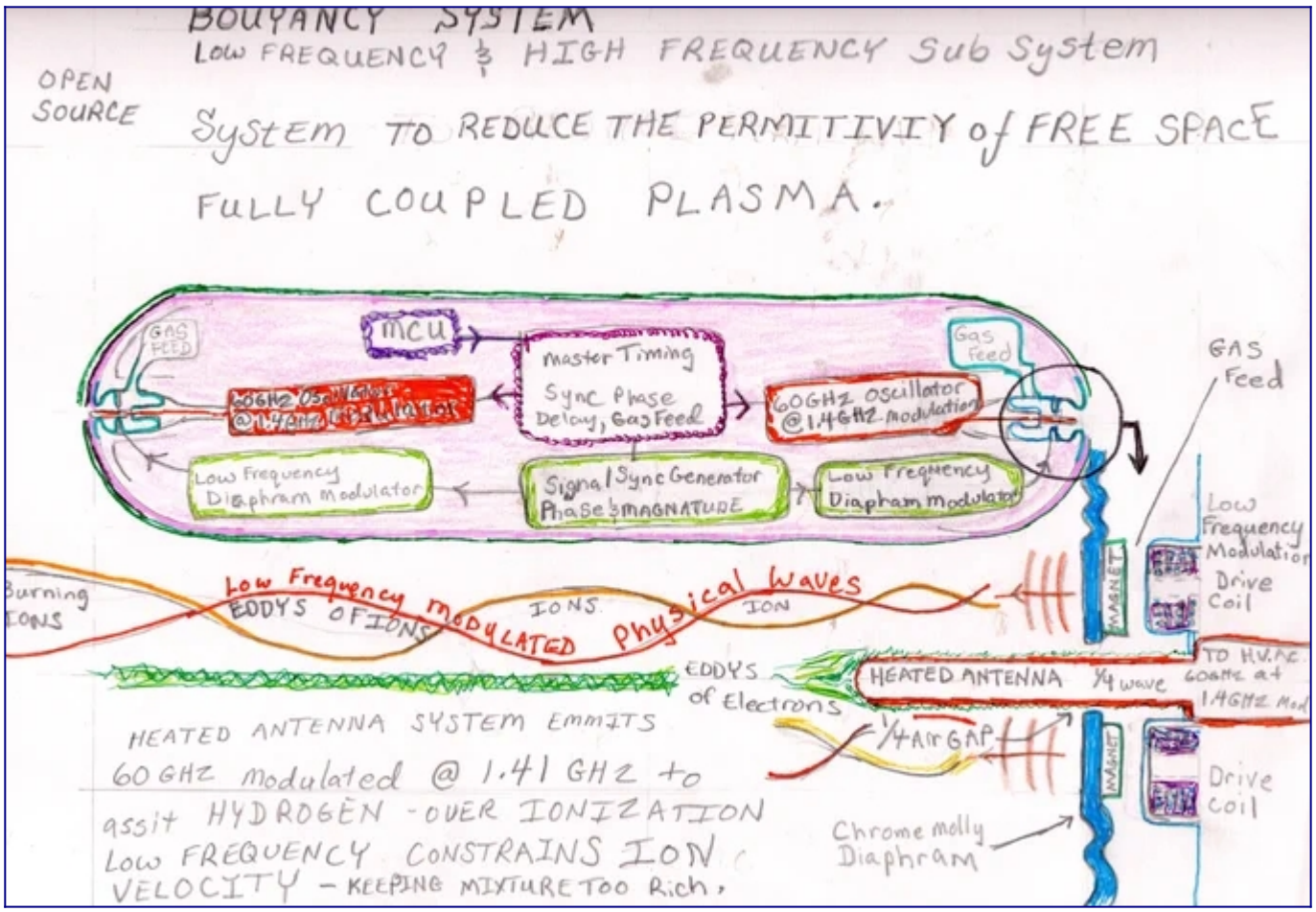
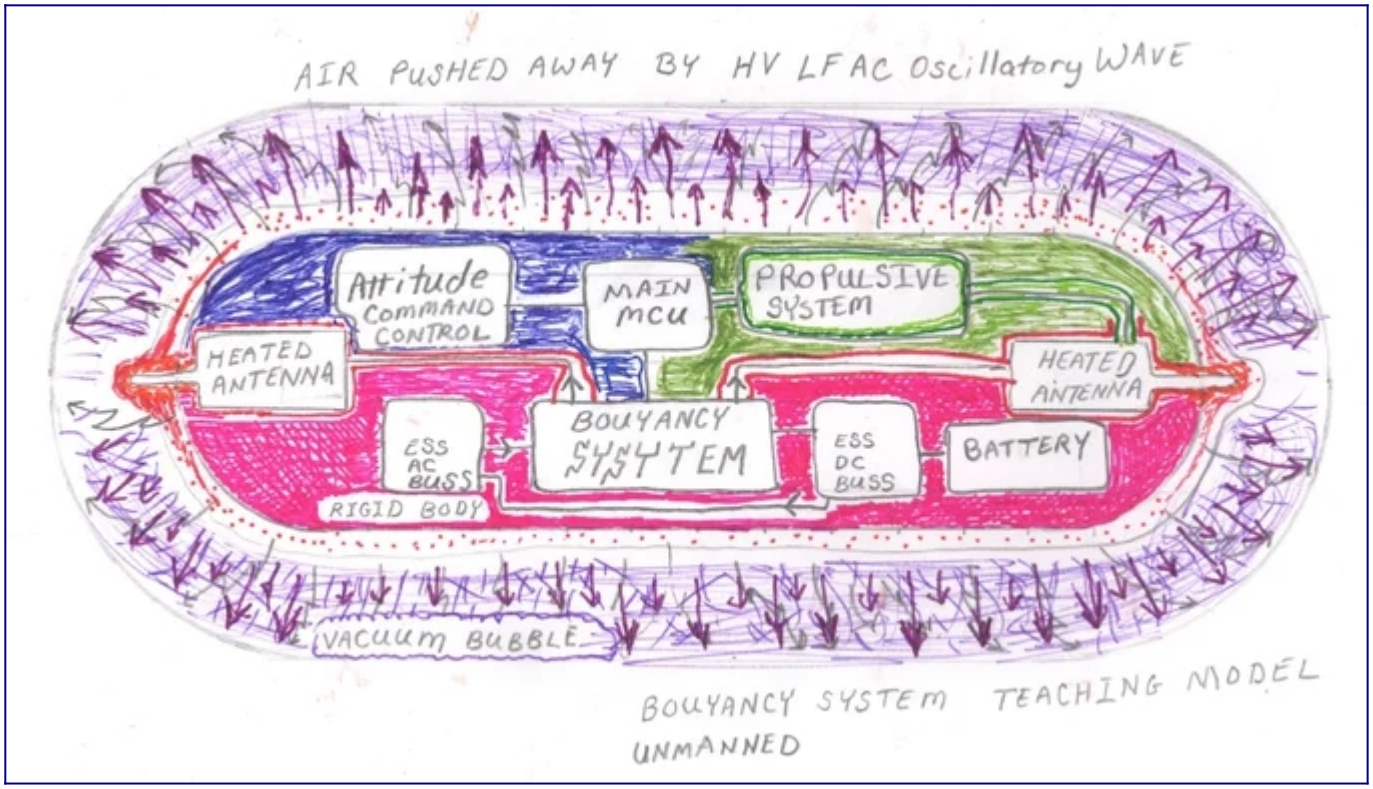
2 Sep 2025

In getting Mankind access to Space, the Reactionary (Nuclear Expansive Force) is our current level of socially accepted Technology. There is a cheap, cleaner level of technology, found in Nuclear Contractive Forces. Engineering a Spacecraft to command the physical dimensional electrodynamic forces, surrounding the spacecraft and generating a a Standing Wave/Wake, then commanding the Hydrocarbon ION Seed Fuel in a geometrical, self-containing, non-dissipating Standing Plasma Wake Bubble(Vacuum), that pushes the Surrounding adiabatic and Exothermic media, away from the surface of the advanced engineered spacecraft. This Plasma Sheat bubble effect generates a continual Randomization in the contained volume of free and lightly Bonded Electron's Momentum orientation. This results in a Local Null toward the surrounding Mass Field's Media Orientation. This effect of Mass Orientation equilibrium randomization, (Nuclear Spin) is the secret of Weightlessness Application and methodology in DOD/DOE Antigravity When the vehicles Buoyancy Field is energized, you are weightless and capable of 90 degree turns at any speed, due to being inertial less in the Plasma Fields Vacuum Bubble. I drew sum pictures of how they work.







ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Sep 2025
Replying to @fredsith899

Many REAL OLD Timers, whom went to college in the days before the communist infiltration via ABET, (Prior to 49, tell of a different world of education. If you went to a university before Communist run ABET was adopted, , you had 8 hours a day, 5 days a week of Engineering Studies. You lived in Engineering Dorms and had strict curfew. ABET brought, Greek fraternities, Big Dollar Sports Ball Fraud, Financial Waste and abuse of students. ABET brought slack educational standards. ABET is helping build the Leftist Utopia called IDIOCRACY. ABET derailed the US education system. Today, our universities place more emphasis on Social Behavior, pushing immoral behavior and forcing students to take Communist Studies Classes. In the 1940s, you would have tons and tons of Engineering literature for homework, not reading Karl Marx. Prior to ABET, your whole attendance to a university was the study of one single Field to a high degree of Competency. Most High Schools start the illusion by teaching High School level Trig and calculus, then granting AP college credit for High School classes. Furthering the growth of rampant Narcissism in our US Academic Culture. I call for the invalidation of ABET at state level. We could turn out the world's best engineers again, if we go back to the original University Programs of Single Field Study. en.wikipedia.org/wiki/ABET

ABET - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Aug 2025
Replying to @stalshk @peps_rp
G.E. has trade secrets on René 41. en.wikipedia.org/wiki/Ren%C3…

René 41 - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Aug 2025
Degrees are worthless in a system that grants Chinese Students Degrees from US Universities, given good grades by US State Department agreements. This happened Twice, to me, in 4 Years of teaching at OU. OU gave Chinese students A's instead of I for Incomplete, never having attended classes or tested, as required by ABET. Fake Students are a False Front Chinese CCP student Spy This effects even small Community Colleges. youtu.be/watch?v=PFkPjdms…

Massive Fraudulent Enrollments in California Community Colleges:...

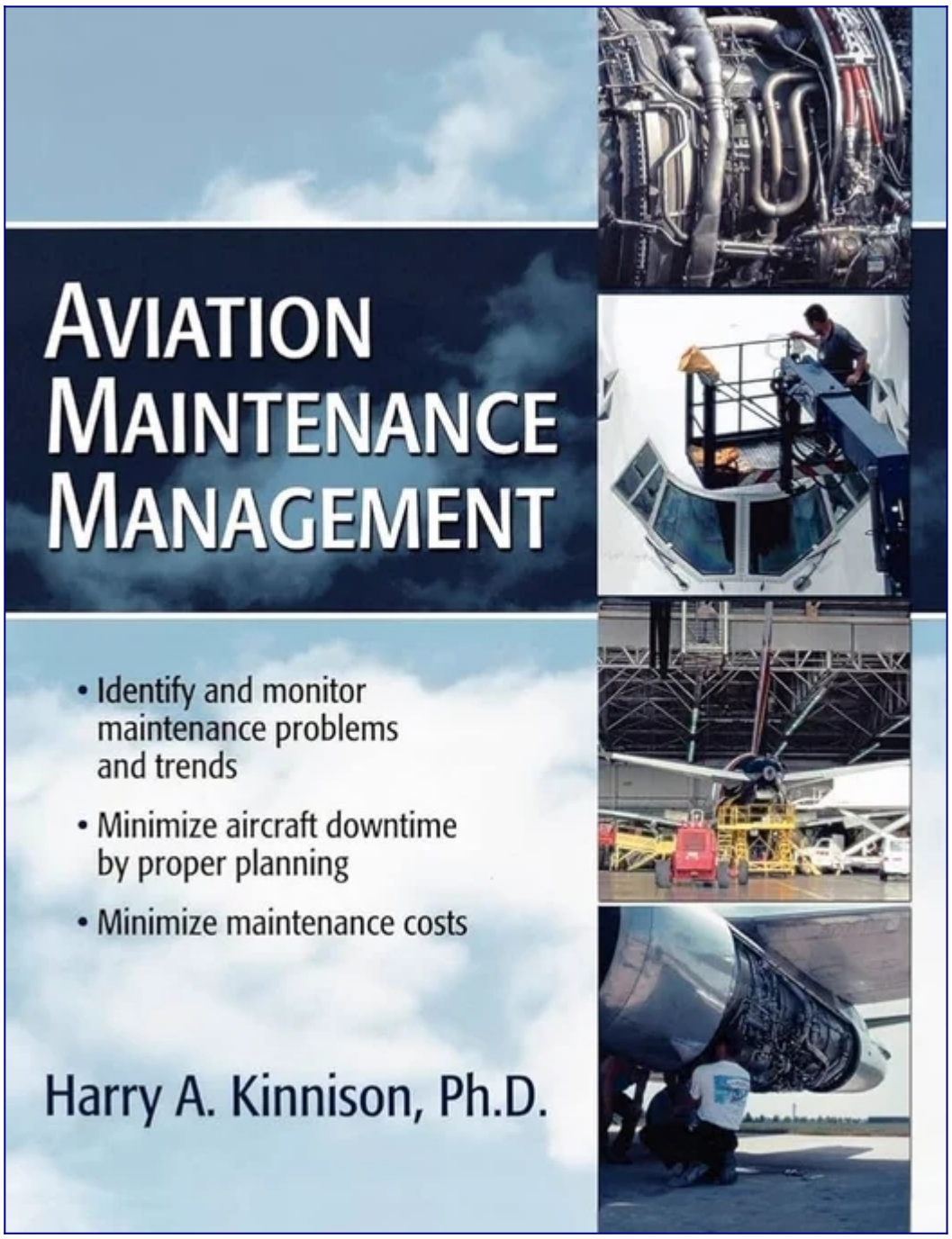
California’s community colleges are contending with widespread enrollment fraud that has prevented real students from getting the classes they need and disru...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

30 Aug 2025

Replying to @MagnetReconnect

The similarities between Russian and US designed aircraft is because the Engineers, engineered to the same Specifications. The Soviet/Russian Engineering Teams used common specifications, applications and common COMPUTATIONAL METHODOLOGY. Similarity in Engineering results will always result in similar designs, among competing engineering teams if following the same methodology and has the same level of High Competency. I got to meet many Russians while on the OPEN SKYIES (OPEN SPIES) and NUCLEAR THREAT REDUCTION PROGRAM. The US and Russia utilize the same AVIATION MAINTENANCE MANAGMENT system found in the McGraw-Hill textbook, Aviation Maintenance Managment. The US and RUSSIA have the same Aviation Managment and Engineering Divisional Structures resulting in Parrelle Engineering results. Both side go to the same textbooks/reference materials. This creates commonalities in Engineering Programs.



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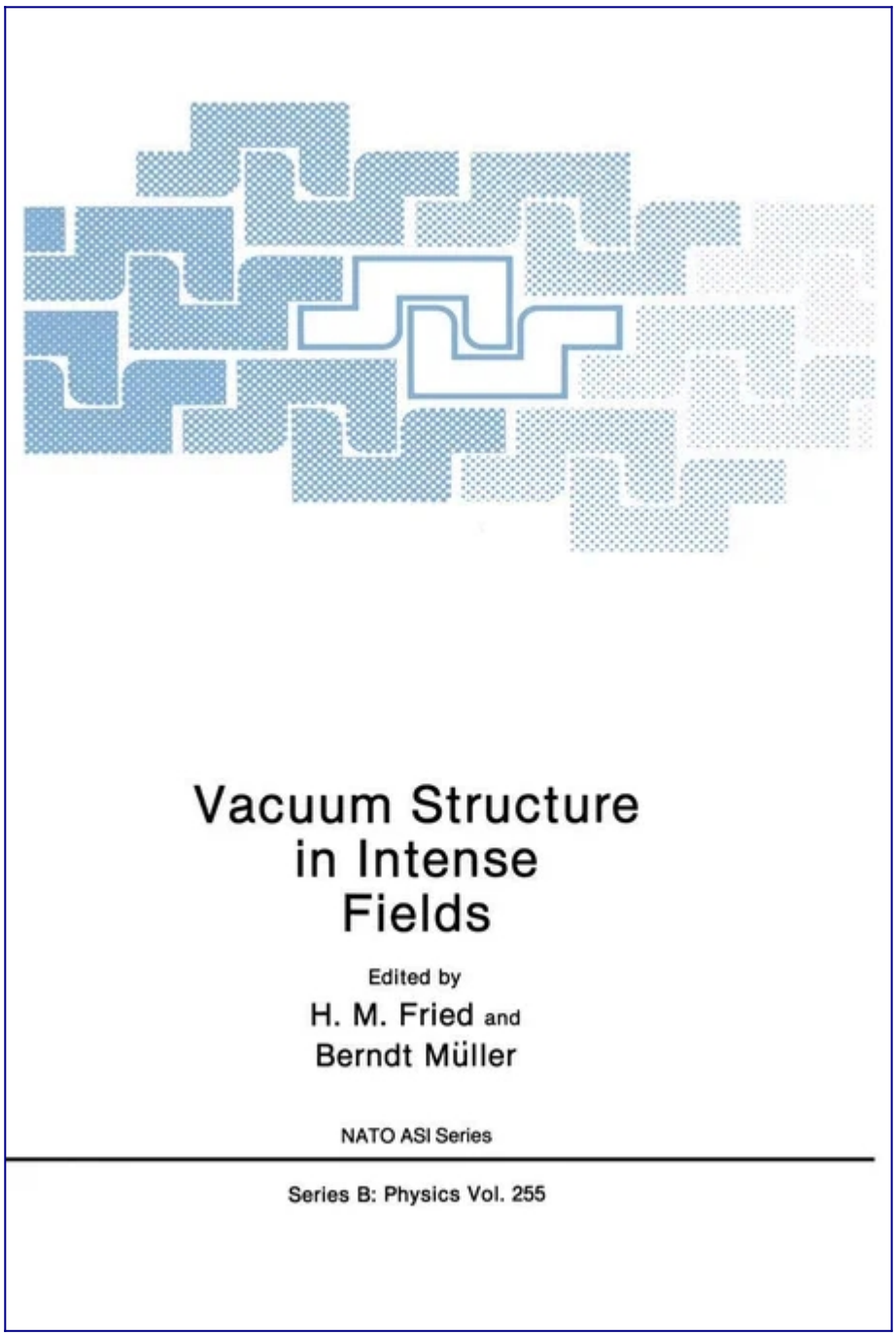
30 Aug 2025
EULER'S DISK. youtu.be/shorts/TGuxwgUyu…

'Wow...Spectacular' - Oxford University professors spin a disc

Professors Jon Chapman and Sam Howison explain the science behind Euler's Disk.🎬 | Mathematical Institute, University of Oxford#maths #math #mathematics #st...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Aug 2025
Replying to @ZPEdisclosure
Not Hidden, Just Poorly taught, resulting in Poor Comprehension. There is a hidden mountain of Vacuum Fluctuation research textbooks hiding in old bookstores, everywhere. Modern Vacuum Physics academia.edu/25969095/Modern…



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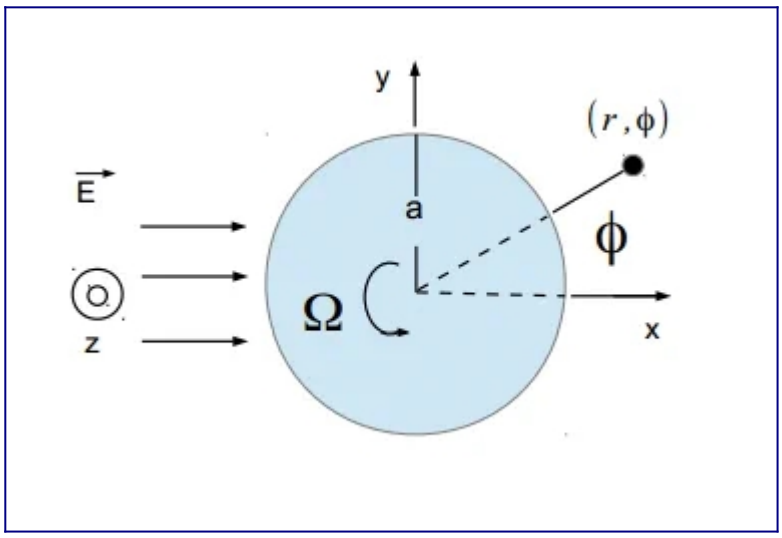
28 Aug 2025
Optical Bernoulli Forces Conceptual need for CFD studies in PLASMA DYNAMICS.
journals.aps.org/pra/abstrac…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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28 Aug 2025
Replying to @observie
Voltage = Pressure Current = Volume/Velocity Bernoulli gave us RELATIONAL NON DIMENSIONALS in a simple teaching concept. In DOD/DOE antigravity vehicle engineering, Bernoulli's Principal is utilized to halt a Nonlinear (Shock induced) expanding Plasma Vacuum Bubble's Magnetospheric Soliton Thermal Field and grab it with the antigravity vehicle's oscillatory Buoyancy Field, at the Equilibrium between Wave and Wake, with a Paul Ion Trapping technique, to Hold the entire Volume of Plasma in a Superheat Saturated Magnetospheric Layer, at the outer most Electon to Electon Boundary layer of the Plasma field. The vehicle has a method using Low frequency, H.V. Inductively coupled Buoyancy Field output that is NON HEAT DISIPATING when energized. This thermal/Kinetic layer builds so much heat it pushes the surrounding Adiabatic Atmospheric Heat away from the magnetosphere. (When operating in atmosphere). While on the interior of the field, the heat gradient is less at the oscillatory field on the fuselage skin and greatest at the thermally soliton magnetosphere, pushing the expanding Hydrocarbon fuel and IONICALLY seeded Oscillatory Field back toward the surface of the antigravity vehicles fuselage skin. The heat from the Magnetosphere causes Ionic wavefront to be so expansive, toward the heat saturated magnetosphere, it pushes backward toward the incoming wavefront, the is called a, DOUBLE FOLDED WAVE FRONT. Double Folded wave fronts are used in Ballistic reentry to give a Leidenfrost effect. The Fuselage skin is a High K Dielectric Plasma Therma Spray layer giving the fuselage skin an Electret effect in its grain structure, favoring vehicle interior Free and Lightly bonded Electrons tunneling outward from the fuselage skin's interior, leaving a MASS Orientation defect during renormalization. This effect of High Voltage Field near the fuselage skin Spins the Electrons internal Orientation of Mass, collectively and held with electric field in a RANDON LONG WALK toward renormalization time. When a solid piece of metal is hit with a High Voltage electric field, the interior Free and Lightly Bonded Electrons Migrate to the surface, temporarily. This is the Critical Exploitable Characteristic used in DOD/DOE antigravity vehicles. The Oscillatory field on the surface of the antigravity vehicle Randomizes the Mass's Orientation of vector of Field. In your body, all the atoms have one orientation of Mass's Vector, down from gravity. The surrounding adiabatic Gas atmosphere has less effect from gravity and is in a state of mixing around you. This mixing and the surrounding adiabatic atmospheric pressure have less internal Free and lightly bonded electrons. If I orientate the electric Field upward, in your local, with certain methods and applications, the whole universe will throw you upward, not the applied electrical force. The whole universe is moving, noting is not moving. If I use electricity to PIN the Movement, It gets hot from the continual friction of the Universal Cosmic Thermal Background.

Energy per unit volume before = Energy per unit volume after

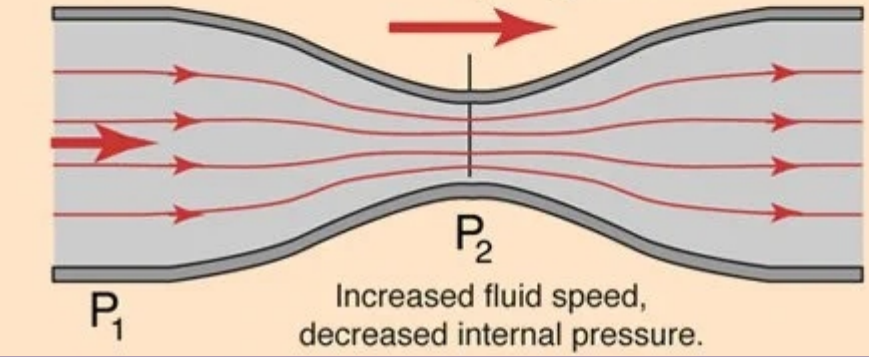
$$P_1 + \tfrac{1}{2}\rho v_1^2 + \rho g h_1 = P_2 + \tfrac{1}{2}\rho v_2^2 + \rho g h_2$$

Pressure Energy

Kinetic Energy per unit volume

Potential Energy per unit volume

The often cited example of the Bernoulli Equation or "Bernoulli Effect" is the reduction in pressure which occurs when the fluid speed increases.

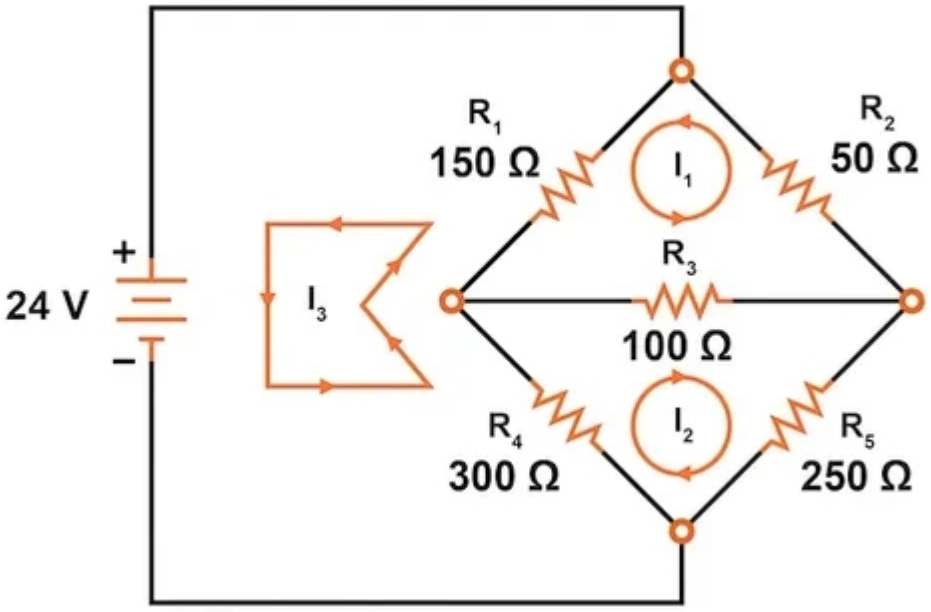


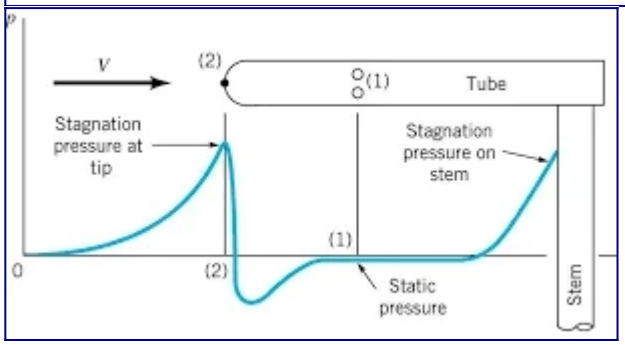
$A_2 < A_1$

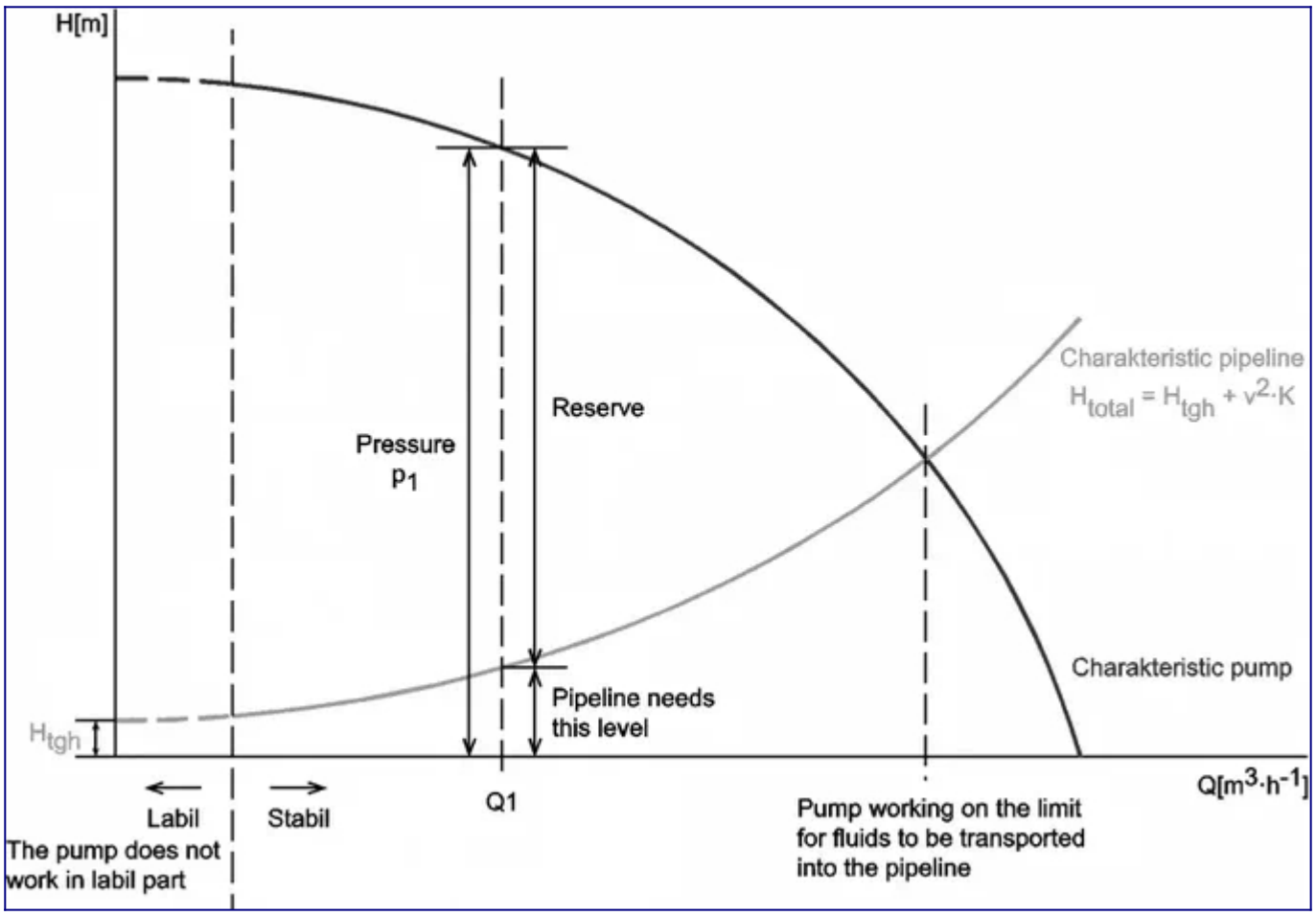
$v_2 > v_1$

$P_2 < P_1$!

Increased fluid speed, decreased internal pressure.







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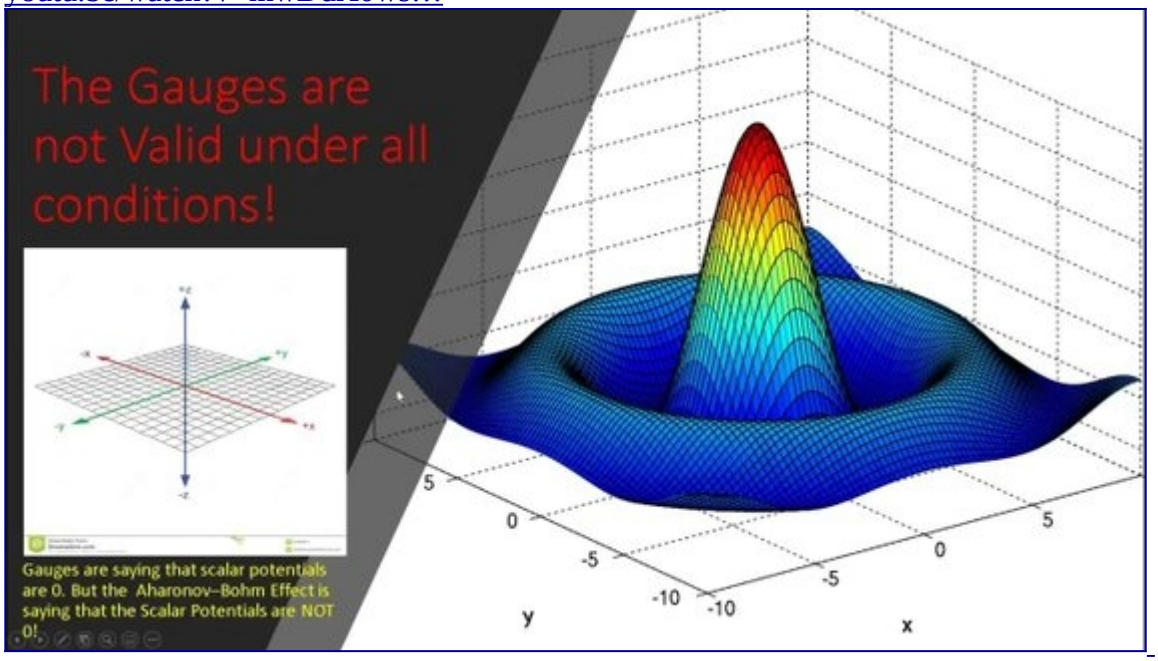
youtu.be/watch?v=mwDdX0ws…



DARPA Field Effect Propulsion | Richard Banduric

Richard Banduric presents a detailed model for field-effect propulsion that forms the basis of experimental work he is performing for DARPA in the area of Re...

youtube.com

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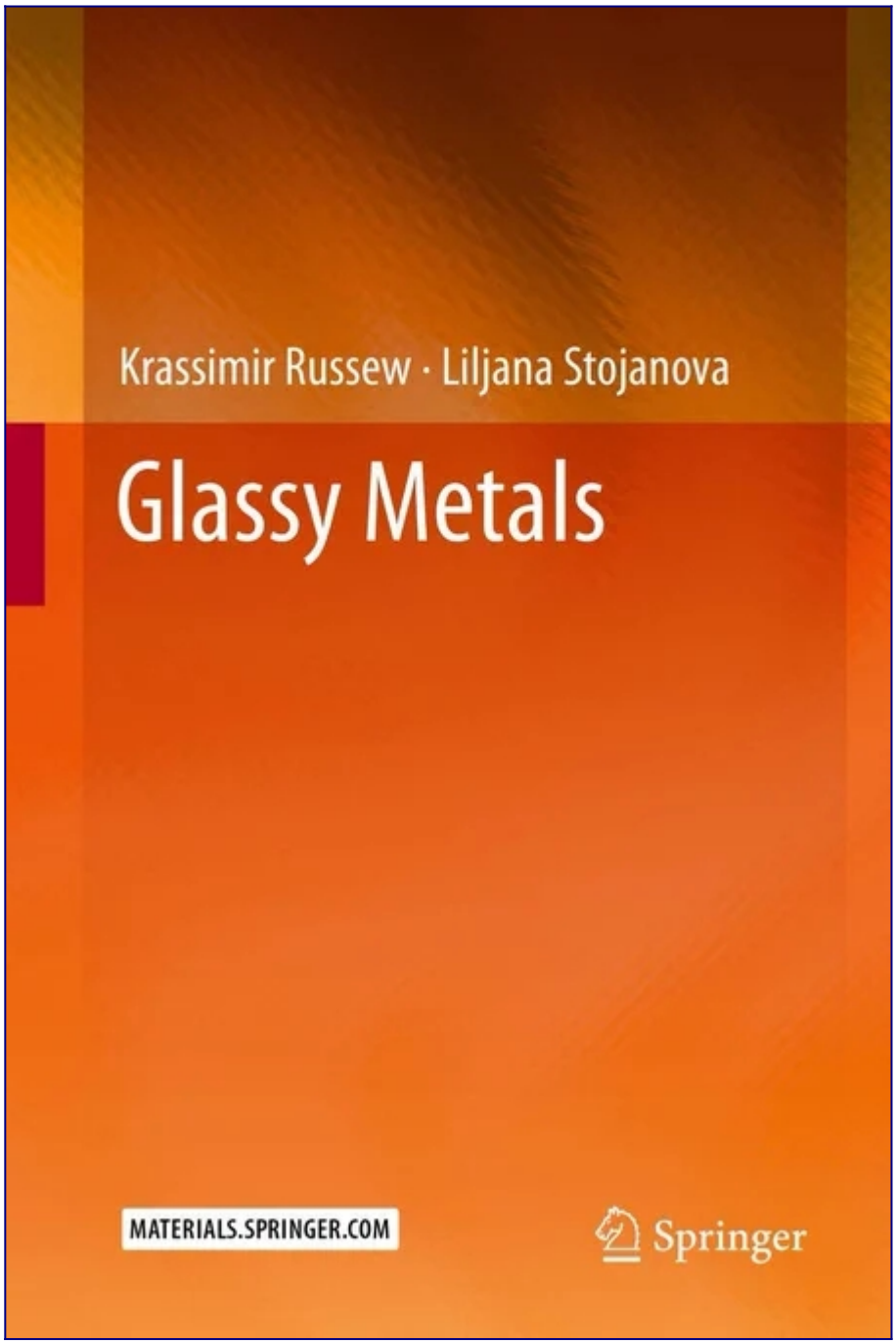
26 Aug 2025

Replying to @mattdykema

Your Rudder needs pointing toward, DISORDERED SOLIDS.

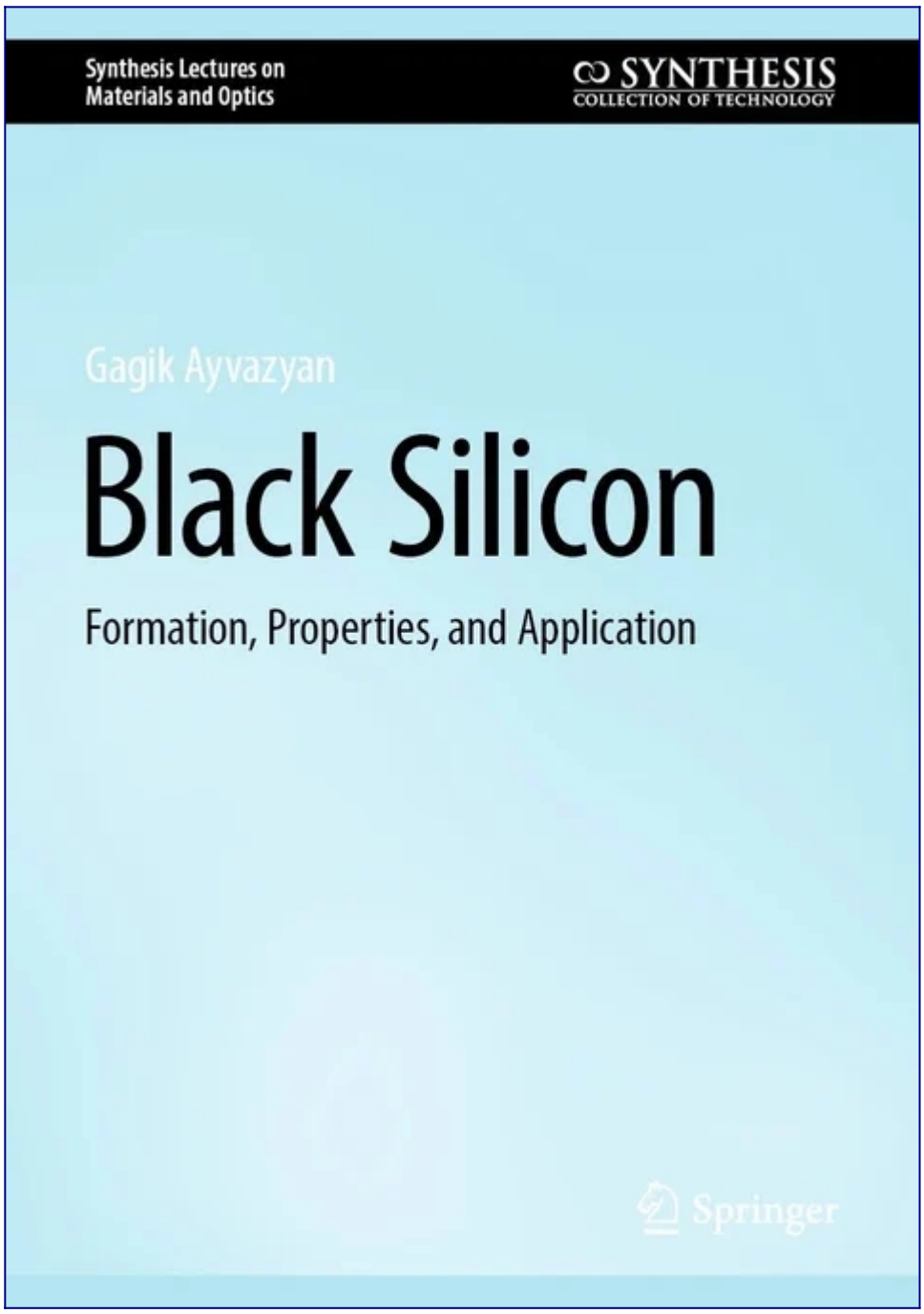


Black Silicon

Technology, opportunities and challenges

N M Ravindra
Priyanka Singh

IOP ebooks



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Aug 2025
Replying to @ChiefDinger
After dinner mint! en.wikipedia.org/wiki/Sonoel…

Sonoelectrochemistry - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Aug 2025
Replying to @ChiefDinger

Snack for you! iopscience.iop.org/article/1…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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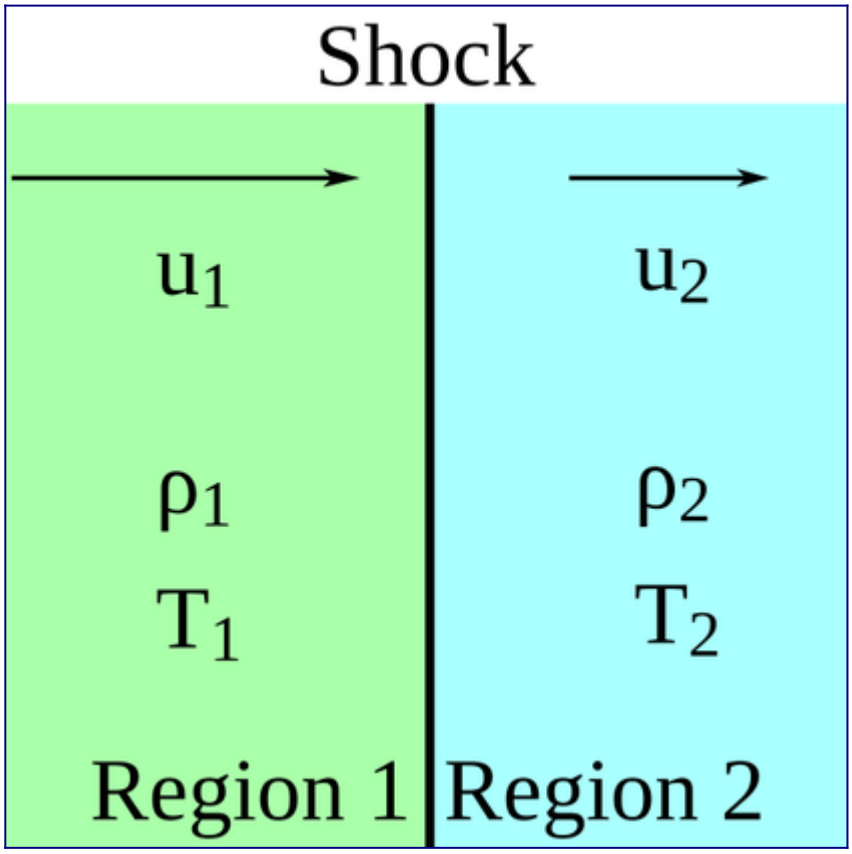
25 Aug 2025
When studying PLASMA PHYSICS of a STANDING PLASMA VACUUM WAVE/WAKE, a understanding of where the Wave and Wake front Equilibrium is on the Equilibrium of transiting near the maximum of Linear/Non-shock flow and commanding the damping of Nonlinear Shock Flow. Rankine Hugoniot tell you were you are at. en.wikipedia.org/wiki/Rankin…



Rankine–Hugoniot conditions - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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25 Aug 2025
Replying to @X_Jason_Kyle_X
Radium behaves as a Radioactive Gas, that is to dense to relase it's Betas and Gammas, at lower temperatures. I am prejudice against calling Radon or Radium radioactive as they a Spying Down from a Radioactive state. They don't spin up eazy, like the big 3. Being a Weak Natural Alpha emitter, Radon or gassing from Radium pales in comparison to the BBD(richard) of Alphas, Betas and Gammas copiously spewed out at low room temperatures. Radon is a Poor Beta and Gamma Source, until heated to thermal ionic temperatures. When Heated, Radon is a great performer at Alpha production, Betas run into each other and self damp, Gammas get caught in inward vectors from the wall of transiting Alphas rushing through the doorway, hogging all the tiny space. Early, late 40's Nuclear Weapons used Radon as a Interspace Gas filler. Later nuclear weapons omitted the gas space, finding iodine and Styrofoam performed the same function as a Radioactive Gas Filler.

Having worked with Nuclear Chemistry, my personal opinion is Radon is Unique due to gas with extreme low frequency NMR. All materials with Low NMR exhibit Radioactive emanation at moderate heat, where most materials show none. Anything on Fire is Radiating Alphas, Batas and Gammas, but for normal materials, the betas and Gammas get damped during renormalized Oxidation Transits and carbon clusters.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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25 Aug 2025
Replying to @RayGun1980 @JonStewartIL @DrStevenGreer @rosscoulthart
Tic Tac -TESTBED was "IN HOUSE".
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Aug 2025
Replying to @Gt5Skier
I use to go to lots of conferences in Albuquerque, they changed or rather, degraded into the same direction as University Level Debate (turning into 4 letter word Rap Cussing Contest) The Sandia Plasma Physics conference I attended in 2016 turned into 2 Korean Guys arguing, loudly & violently over something related to Latent Heat, in the presentation.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @Aethwean @LKallagunt25550 @jordanMaxwell37
They were working Radioiron when I was there to work with a more easily reducible material. Radioalumina had the greatest Plasmasphere Expansion Coefficient when coupled with a Cesium ION and Iodine booter mix.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @RussianUFOlogy @UAPWatchers
Russian Engineers work their Antigravity Engineering Programs in Moscow. Testing areas are for Operations, knowledge and legacy program still in Moscow.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @UAPWatchers
Went to Yamantau during the THREAT REDUCTION PROGRAM. Very nice staff, very open on what they were conducting. I learned Russia has a artificial radioactive Element program that can make Artificial Radioactive material of short half-life, useful in making very cheap nuclear weapons. I was recently told, Russia started production of Fluid-like Radioalumina in 2023. They were in the process of working out the reduction to a stable Crystal last year, 2024. (Should be a Frosted Quartz-like crystal.) So that puts Russia's cheap artificial nuclear weapons program into production by late 2026.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Aug 2025
Replying to @bindairdundat @airmainengineer

They made a move about when you ate all those King Sized mattress. Mattresses have a Sponge-cream filling. You moved on from the gateway foam of Couches, Box Springs and Chairs. youtu.be/watch?v=-Kx1zl22…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
LazyAnalysis
@LazyAnalysis
23 Aug 2025
We made an Arduino UI builder! Show us what you can create... #Arduino #NoCode #buildinpublic #robots #robotics
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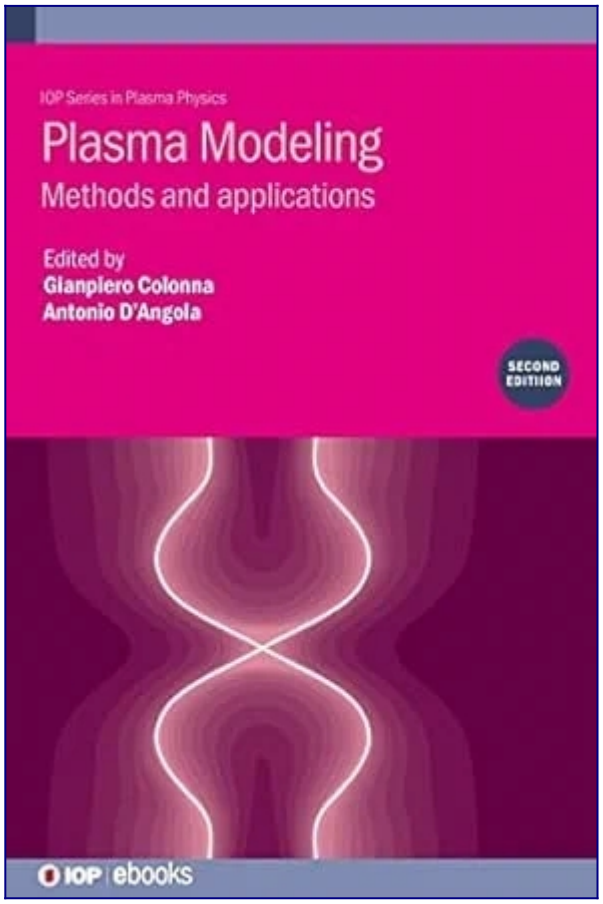
@TMBSPACESHIPS
24 Aug 2025
Great Book for Beginning Modeling for Plasma Vacuum Bubble Type Antigravity Buoyancy Systems. Rams the Lattice Boltzmann real Hard. Plasma Modeling - IOP SCIENCE Gianpiero Colonna Antonio D'Angola iopscience.iop.org/book/edit…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @MagnetReconnect
I love Modeling. I could never get the USAF to invest into a Plasma CFD Modeling program dedicated to Antigravity. They want it blended into the Beam Weapons Programs. The Program they have has poorly trained Modelers, not mathematicians. Antigravity vehicle engineers need to fully understand, Full CFD simulating Nature's characteristic must be thoroughly studied before the first

Rivet goes it. Early in my career, I read enough textbooks to fully comprehend, I did not have the knowledge base to understand how to suspend the Plasma Wave/Wake Transport into a Thermostatic Condition. This knowledge deficit dumped me into Lattice-Boltzmann CFD with Matlab and Crappy COMSOL in those days. COMSOL Multiphysics addressed the crappy parts. Then another constraint, no graphics cards, at that time, could fully map the Macro-Meso and Micro Scale's 3 waves of TENSOR FLOW, across all 4 Media Fields, with full linear and nonlinear velocity tracking due to the massive Dispersal Functions. It is only the last 4 years we have evolved Graphics Tensor capabilities to FULLY MAP nature and not just make a RENDERED Video of False Representations of Natures assumed characteristics. All Antigravity Engineers searching for real antigravity RABIT HOLES WILL end Up at Lattice Boltzmann CFD in their quest for knowledge. All the other antigravity Rabbit Holes end in a scary S&M video of Luis Elzondo & Ross Coulthart Video.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
I have a old friend in Austria that was way ahead in programing back in the 1990's He is still a head and doesn't know it. He poured his life into a NO CODE system to teach Programing down to the Elementary School level. I saw a Refrigerator-like AI computer in 1994 from MIT that burned over 10,000 watts and could deliver what grok does today, but limited to 256k sentences and only had 13,000 words in it's info pool. My friend was way ahead in programing than the MIT demonstrators that became Robocalls in the late 1990's. He doesn't yet know his role in going to Mars. I got told not to contact him at my last hearing trying to get my military Retirment back. He's really a nice guy and a Caliber of Engineer on par with Erwin Schrodinger. He's a top-notch CFI and needs some Thank You for his masterful No Code Programming methodology for children to learn Coding. Can ya add some follower to his @ixpservices His website didn't work.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @EpochTimes
What about the Old Database of Americans, run by CIA front Companies such as TRW.
disputesuite.com/blog/intere…

Interesting Experian History - DisputeSuite

Experian was formerly a division of TRW, an automotive electronics giant. TRW was originally founded in 1901 as the Cleveland Cap Screw Company.

disputesuite.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Aug 2025
Replying to @MagnetReconnect
How do you engineer a ATTITUDE REFERENCE SYSTEM that works in a Continual RF mirror Plasmasphere? Such a system cannot use external RF based instrumentation techniques such as

GPS Position Fixing or Vertical Reference in a Zero G vehicle. Constraints limit application techniques to Optical Star Trackers, Solar Horizontal Reference Systems and Thermostatic Vector Sensing Reference systems.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Aug 2025

I wrote 2 pages in this. Look for Non Standard Aircraft instruments.... I love all things that Fly and Float. apps.dtic.mil/sti/tr/pdf/ADA…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Aug 2025

Replying to @hayshizz @StarSunny777

I know first hand, since 1997, Crystaline Metals of high purity, Purity not found in nature, can be pulled from in a great vacuum. Don't think of Higg Boson as Particles. It is a Field Stress of Fractional Ions at the Cathode and Electrons building, toward the Cathode, where the electrons start staking from the Anode interfacial surface. By Captive discharge a high Electron Voltage/Pressure forces Fractional Ion Momenta to be greater than one Ion for the confined Volume of vacuum in the chamber. Also consider, the Electron side is real mass being forced with High Voltage wavefront of electrons against Virtual/Fractional/Relativistic/Quantitative resultant matter of Fractional Ionic Waves, Forged by Jack Hammering Electrons into whole volume of fractional material structure, within the Vacuua Field. By various methods of Pulsation with High Voltage and Wave Shaping, the compressive electron wave's reflections will form Crystals of metallic matter, whose specific Spectral frequency can be valence driven. To fall out of Fractional existence as whole matter. These methods are in lots of Monographs from the 1950's. So why don't the Aliens have technology to materialize metallic resources from vacuua. Maybe the Aliens are too busy on a meth bender, they crash their stolen spaceship, outside Roswell. We, mankind, can pull matter out of nothing. Any person can think these methods through to validity without education.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Aug 2025

youtu.be/shorts/JgEJU8sGe…

-

This man Eats Radioactive Uranium #militaryhistory #military #history

This man Eats Radioactive Uranium #militaryhistory #military #history🎵 Song: 'Scott Buckley - Legionnaire' is under a creative commons license license.https...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Aug 2025

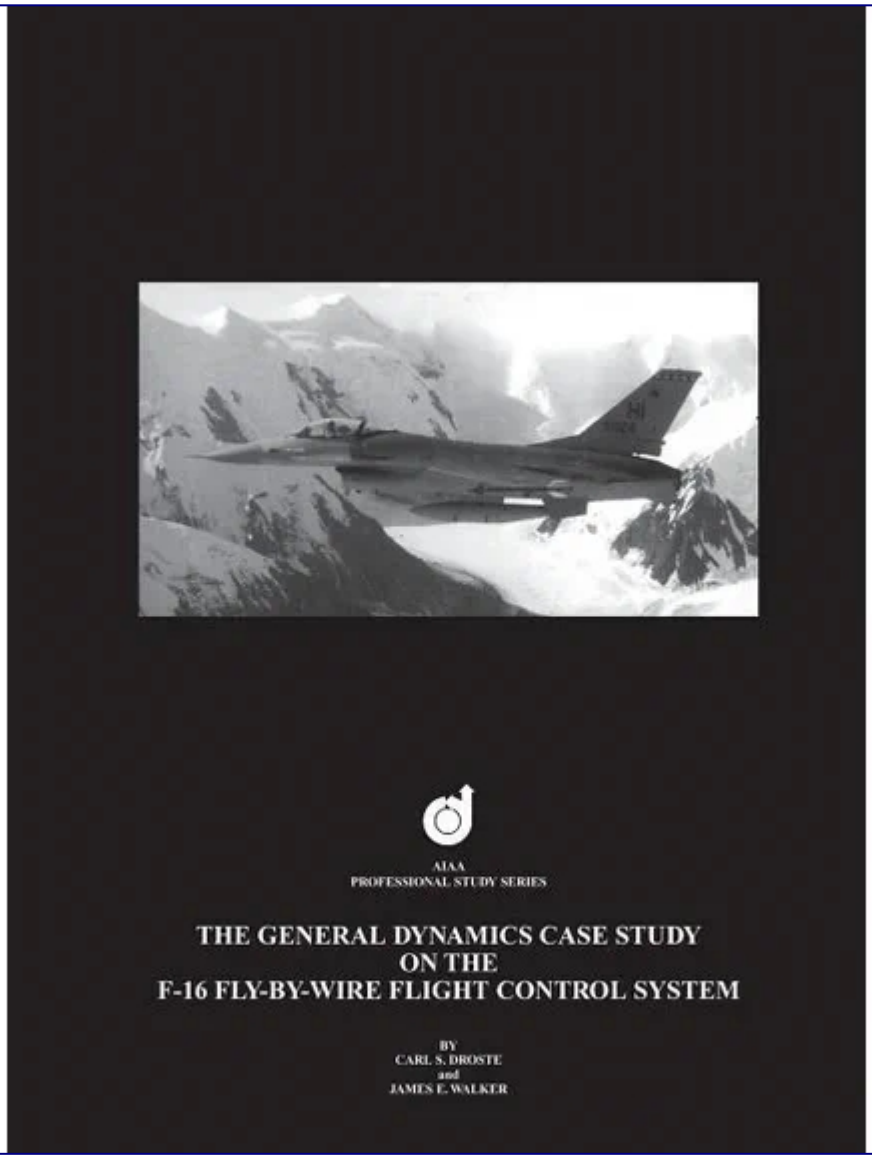
Replying to @StarSunny777

Keep this in your head. So the CIA PsyOp and UN PsyOps are pushing a Narrative that MANKIND must be Disarmed of Nuclear Weapons on the Primis, before Aliens are willing make contact. The 60 year old CIA MJ12 PsyOp construct, "We might blow ourselves up." logically has no foundation of validity. Logic dictates Alien Observers would see us continually blowing ourselves up and

consider it part of our culture. So Why Push the Marxist Narrative, from the Cult of C in Chicago, the fake narrative "MANKIND MUST BE DISARMED of NUCLEAR WEAPONS" is the same bull crap they say from the "Disclosure Community" We have a Galactic 2nd Amendment.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Aug 2025
There is a Memorial Tourist Site, on the Moon, with Plaque, a tribute to fallen astronauts.
en.wikipedia.org/wiki/Charle…

Charles Bassett - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Aug 2025
Antigravity vehicle Engineers need to have good comprehension of redundant, FAIL RESISTANT Digital Fly-By-Wire Attitude Command and control Systems. The F-16 Fly-By-Wire system has shown to be extremely reliable due to semi-analog circuits utilized in the architecture. I found this study/textbook of the simple reliable F-16 Fly-By-Wire system to be a great intro for engineering students. The General Dynamics Case Study on the F-16s Fly-By-Wire Flight Control System by C. Droste & J. Walker .



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
Plasma Physics Papers@VPHM
20 Aug 2025
Free electron charging of microdroplets in a plasma at atmospheric pressure.
arxiv.org/abs/2508.13372

Free electron charging of microdroplets in a plasma at atmospheric pressure

Gas-phase microdroplets have recently demonstrated exceptional chemical properties via suspected mechanisms such as contact electrification and surface charge pinning, producing high surface...

arxiv.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Aug 2025
This is rich with JUICY information for the antigravity engineer. pmc.ncbi.nlm.nih.gov/article…

Betatron radiation and emittance growth in plasma wakefield accelerators

Beam-driven plasma wakefield acceleration (PWFA) has demonstrated significant progress during the past two decades of research. The new Facility for Advanced Accelerator Experimental Tests (FACET)...

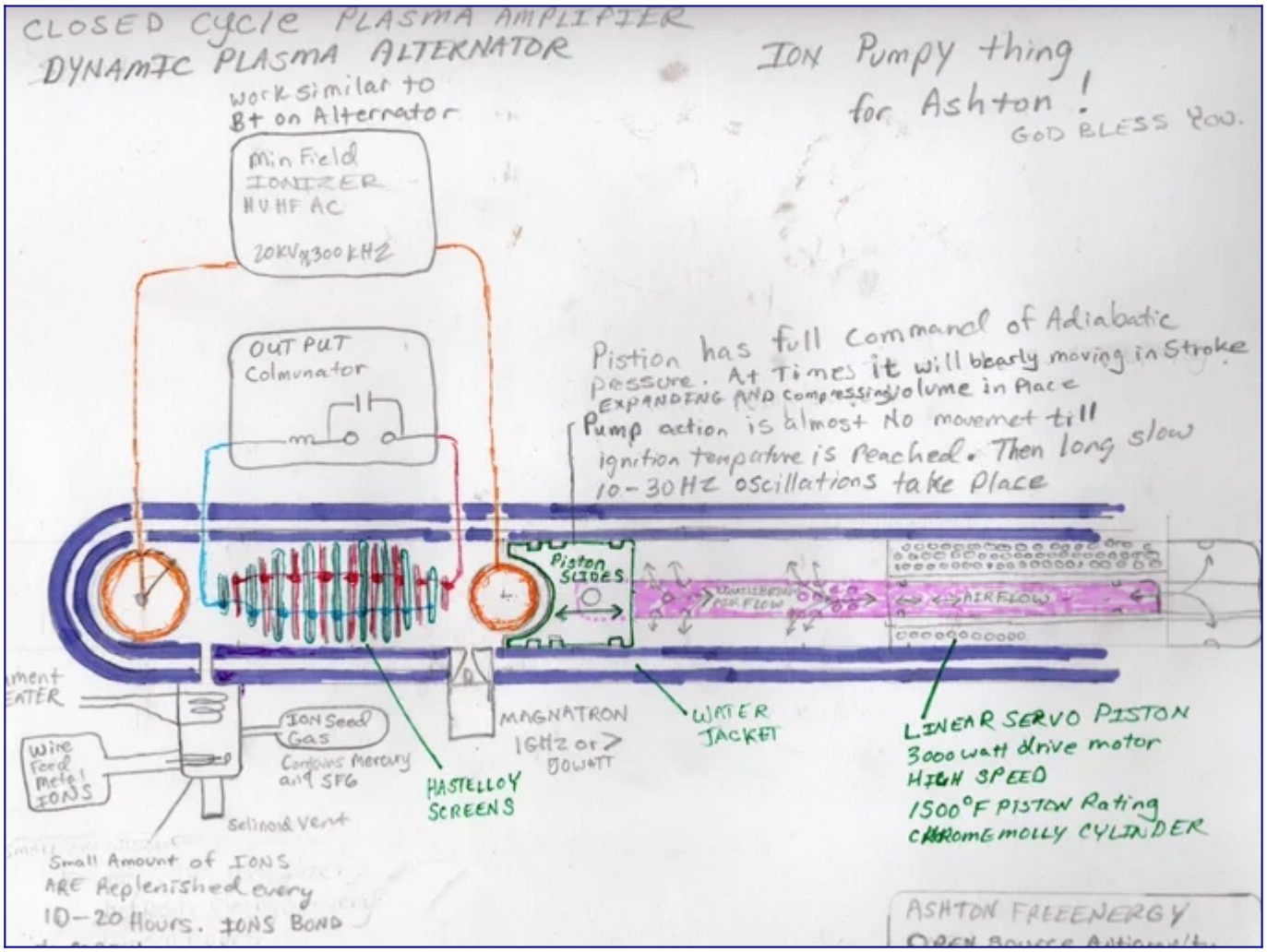
pmc.ncbi.nlm.nih.gov
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Aug 2025
Computational Fluid Dynamic Testing in BLENDER! youtu.be/watch?v=zLwySPw8…

Blender Basics 1.9 - Computational Fluid Dynamic Testing in Blender!

In this video you will learn to import you 3D model into a computational fluid dynamic testing environment to analyze aerodynamics and drag!Topics covered:- ...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Aug 2025
Replying to @arrowbombadil
Well Done presentation. God Bless Aaron Kessler !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Aug 2025
Replying to @H2Colby
God Bless Colby!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Jul 2025
Replying to @Enigma0UFOs
Open-Source Research is only way to go. Buy Used Plasma Physics Books and study the rest of your life. Knowledge is more valuable than a degree. All technology is in textbooks. Nothing is hidden. If you are true to Yourself, seeking knowledge to benefit others, will cause people to migrate to you for your knowledge. This is a real device that I repaired in 1994. It was made in the 1948 and the original engineer died in the 1950's. It was his Prototype and was unserviceable. It had a linear Actuator with silver wire and permanent high temp magnets. Documentation showed it stopped running shortly after his death. There are better engineered free energy devices in the covert programs. Solid State Alternators are the highest level of reliable power generation in the covert programs. Today the Military Industrial Cocaine and Prostitution Complex is having mankind chase more 'Fuel' technology in the form of FUSION GRIFTING. Electricity can be Shocked right out of the Electrons Lattice of Continua, into a Monolythic crystalline collector. Any power level. Crystals are valancing driven growth. Today, with my knowledge, I can look right at it and tell it is a real

Betatron Collisional Electric Generator. Just lik Alternator, small power in, adiabatic Electron Added Work Power output. I did not illustrate the High Voltage Scavenge circuit. The scavenge circuit provides a Thermoelectric base B+ voltage similar to a alternator, the vibrates about .030"/stroke when running at full power. Starts at full pump then, Stroke length goes down to a vibration and high voltage, high current begins to run across the sparkgap. Power can be free, I lost my military retirement over posting like these. Your quest to go into Covert Programs will defeat your humanity if your quest is for fortune.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @ChrisZazula
You must first discern the lower frequency, within the 4 oscillations, to discern Group Velocity. The Observation of 4 oscillator, with VOID in middle is not considered in linear modeling and poorly defined in conjecture. There are 4 independent oscillators, and you are summing for the Lowest Null Frequency, defining you lower Group Velocity Limit. The Universe is always moving, nothing in the universe is not moving. Schrodinger told us, there is always something there, even if you're not smart enough to discern the SUMTHING.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @ilovefishfinger

Solid matter is modeled as Soliton objects in Field of moving media.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @ZShaman13
Not anyone's invention. Exploitation of Natures desire to renormalizes shock/nonlinear dispersal.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @th_stath @Aethwean @ashtonforbes
The Ion Seed Plasma techniques engineered into DOD/DOE antigravity vehicles generate massive electron dense Boltzmann-Coulomb-Debye screening fields that objects outside the field are moved in, moved 'In Place'. Moving in a similar matter of visual fringe magnification of space, when using a magnifying glass. As you see the magnifying lens slide over words on paper, You see words balloon out of shape, in the Magnified Field, then back to normal shape, where the lens becomes more linear. Nonlinear lens domains show visual ballooning; linear domains show almost normal vectors in the visual field. These Field Push Ionic Matter away from it's outer magnetosheath's Thermosphere. We don't commonly teach the Permittivity of Free Space is also the DENSITY of FREE SPACE and the PERMEABILITY of FREE SPACE is the ELASTICITY of FREE SPACE. A WAVE moves through a FIELD. A wave at rest, Renormalized, becomes part of the field, through DISPERSAL/DIFFUSION. As media is found in 4 states, a wave in the media of Solid, Liquid, Gas, Plasma (Earth, Water, Air Fire) is a wave of either Solid, Liquid, Gas or Plasma. A wave can be made of the same Media of the Field. A water wave moves through the FIELD of Water called a Ocean. In this video, you see 1990's Era DOD/DOE antigravity vehicles utilizing my 1st choice ION Seed Gass Mixture through superheated orifices. The opposing Shocks emitted by the Heated Gas, are helped by a 10kw Oscillating electrical field, whose poles are at the opposing exhaust orifice. The Electrification via Hydrocarbon based Plasma, pushes the atmosphere away from the fuselage skin, rendering fuselage skin adiabatic pressure to be substantially lower and colder than found in deep space. The field is strong enough to deflect to missiles trajectory. youtu.be/watch?v=5NNzA5A1…

UAP Orbs Defy Missile Strike Outside Military Base in Afghanistan...

UAP Orbs Defy Missile Strike Outside Military Base in Afghanistan (Full Video)Music - NASA Voyager Recordings - Symphonies Of The Planets 3 (1992)Watch the f...

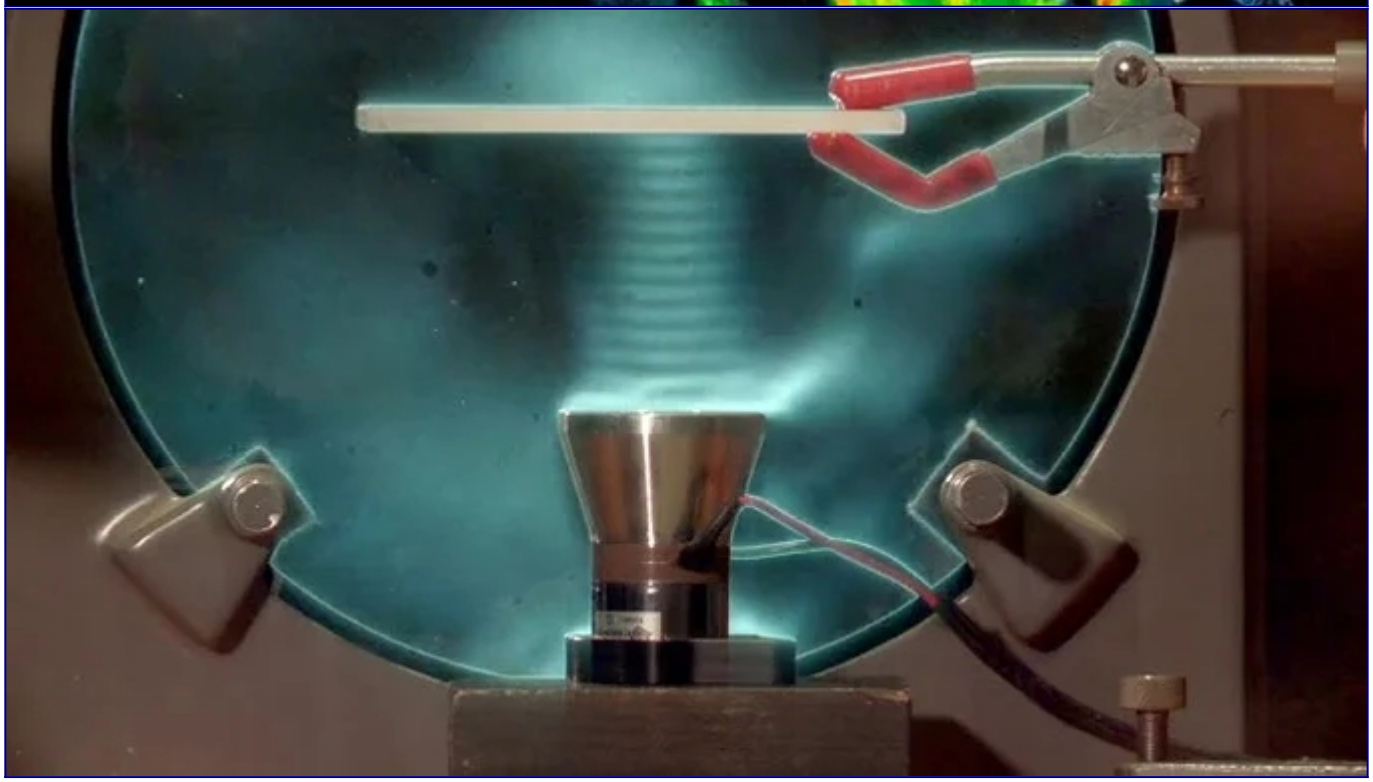
youtube.com

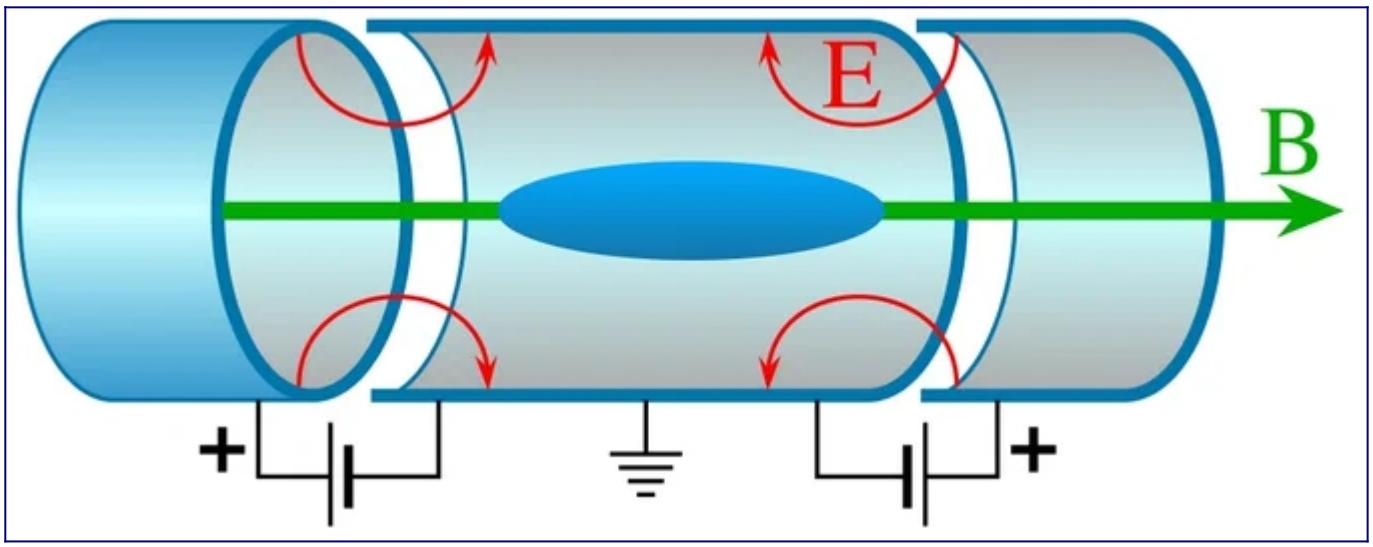
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @Aethwean @ashtonforbes
You conception of space travel is based upon 'Reactionary' Acceleration. Consider the opposite of a Wave, the Wake, like driving behind a semi, using a Nuclear Force Vacuumed Cleaner that sucks forward, riding the vacuua side of the wave. If a wave moves through NOTHINGNESS, there is more NOTHING on the FORWARD side of the Wave. Forward side of wave in Gas media has a Wave and therefore a wake. A Standing Wave, has a Standing Wake, somewhere waiting for COLLAPSE. You can Electrically Suspend Kinetic Pressure wave in the vicinity of DOD/DOE antigravity spacecraft. They are weightless and frictionless when their Buoyancy Field is energized. Principal being. to causing the Universe to squeeze Physical Electrostatic Interfacial Kinetic Force on your spacecraft's fuselage skin, in every spot except the desired direction of travel. A Hand of the Universe squeezing the electrical field around your spacecraft, till you slip like soap, out of the hand. Frictionless and weightless in Engineering.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Jul 2025
Replying to @ztisdale
Technically, the visuals, is called a MESOSCOPIC COLLAPSE. No such thing as Cult of C's Wormhole. I studied this stuf for 40 years no, starting at AFIT the AFRL. Mesoscopic Physics comprehension is missed by academia, and they label Waves, as physical Mesoscopic Particles. A purposeful misteaching by 1st level thinkers, in the Cult od C, at Cambridge and 5 eyes. Wormhole, Black Holes, Graviton and Tachyon are "PsyOp Framed Puzzle Piece Non-science presented as Half physical characteristic, half nonsense. Our current Fabian Socialist constructed education system, based on Social Stigmatization inhibits introspective growth. Locking the mind, permanently, into a 1st level Critical Reactionary thinker. Multi-media Sports, Game Shows, Video Games and Media are used as Fight or Flight Re-Programing Reinforcement to keep mind locked in a reactionary mode. More than 90% of Americans are 1st level Critical Thinkers, preventing them from considering truth outside, "Their Framed" Social Ideology". The Banking/Old Money establishment has dumded down America so much that we are now teaching 1950's High School Trig and Cal as Master Level Courses. The dumbing down of our US education system has largely removed Common Everyday use math skills, from being commonplace in our Engineered world, We accept pumping out High School students with diplomas, whom cannot read or write. When you go to a University and talk to a math teacher, you might be talking to a Neo-Nepotistic FRAT-BOY hire, with very poor math skill, just Foolin' You.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

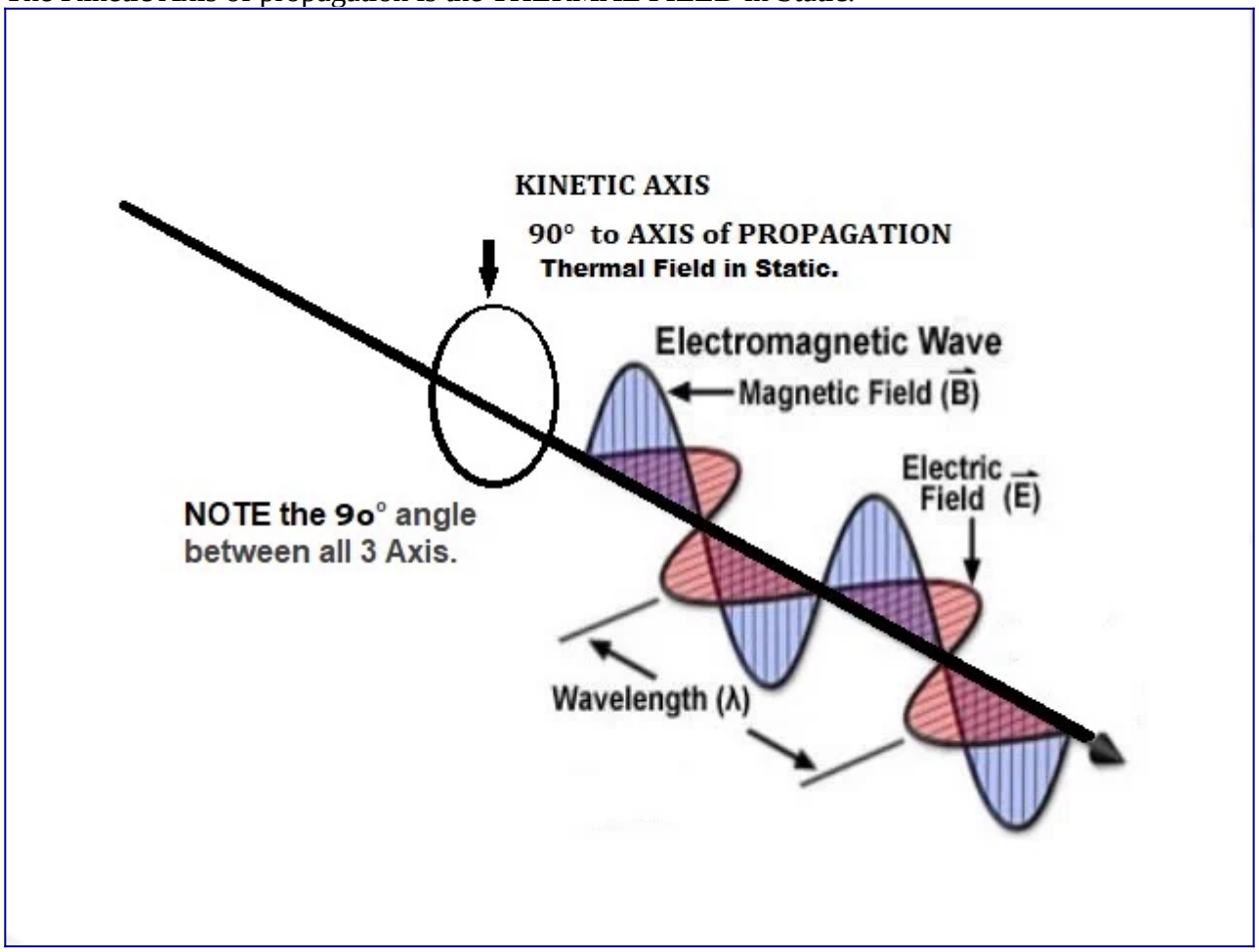
9 Jul 2025
Replying to @kevinvdahlgren
Judge the Homeless by their shoes and phones and you will discern the humble men.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @VPXM17
Any Wave/object transporting into the region with large magnitudes of Fractional Physical Mall will Gain the Chaotic Energy in some fashion, following Soliton rules of equilibrium. Forces transport along BOUSSINEASQ APPROXIMATIONS rules.
Load more
Load newest
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @Aethwean
The Microscale consist of the Electron's Lattice of Continua and the Submicron region. The Submicron region can be modeled into it's own Continua by Dimensional size with Standard Continuum Applications. The Submicron Region is the region of the Universal Cosmic Thermal (microwave) Background. Just as the B Field is to the Magnetic Waves Transport Field. The Thermal Field is the Kinetic Forces Transport Field, in THERMOSTATIC distribution.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @In2ThinAir
Anomaly is latent effect of Radar pulsing in Low Frequency, to Heat interfacial surface of hydrogen Nuclei, and not heat the core of the Nuclei. ION Penning to Channel Hydrogen Nuclei into Nucleation (Condensation) on command. en.wikipedia.org/wiki/Pennin…

Ion Trap Region for
Dry Air Water
Vapor Scavaging



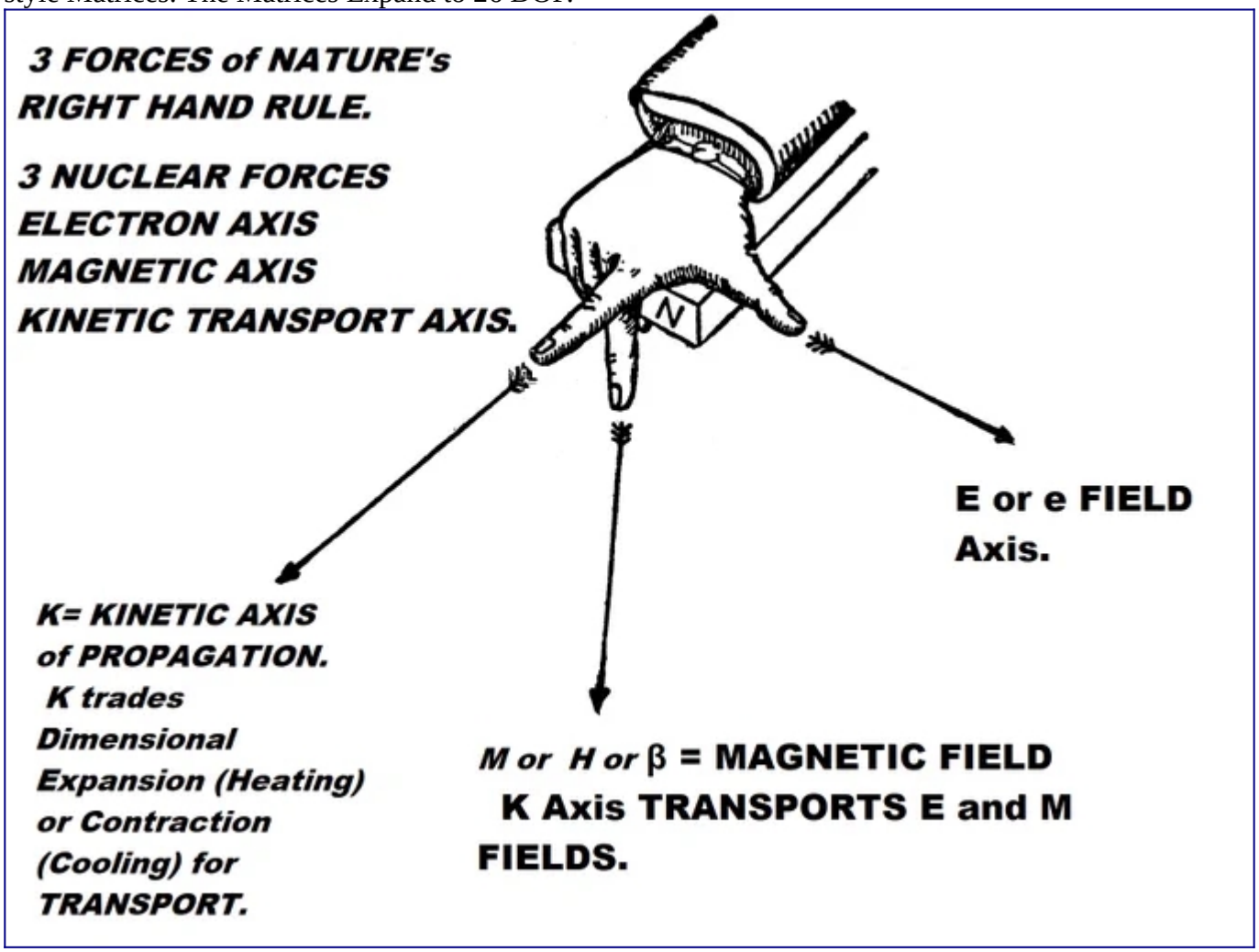


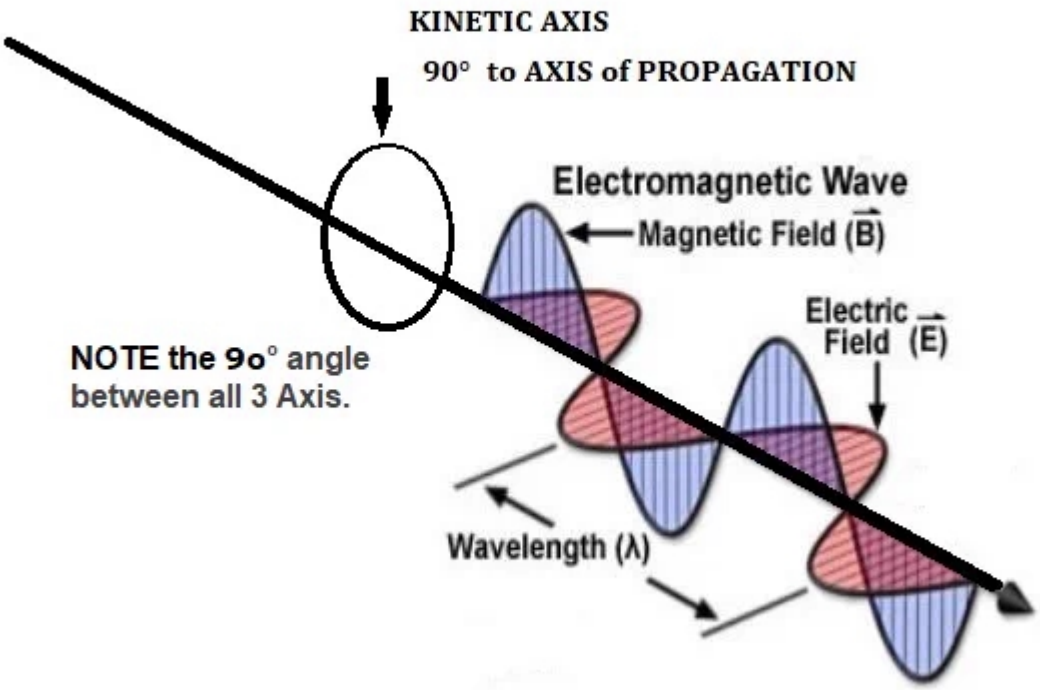
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
The Kinetic Axis of propagation is the THERMAL FIELD in Static.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @hayshizz
When the Wave's Electron, Magnetic and Kinetic/Thermal Group velocity nears M>1, the Waves E, M & K/t subcomponents of the wave, start to follow Nonlinear/shock Vector line, instead of the natural Hyperbolic Linear NATURAL 'Curvey' vectors found when Group Velocity is M<1. In my own Right Hand Rule of Nuclear Transport, I consider the AXIS of PROPAGATION, a NUCLEAR

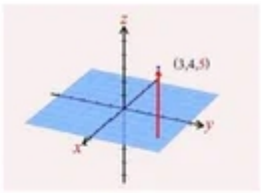
COUNDUIT of TRANSPORT for THERMAL ENERGY. The Kinetic/Thermal Axis is correctly tied to the Electron and Magnetic Force Axis at 90 degrees to each other in Classical Electrodynamics/Plasma Physics. When a physical wave begins to encounter Nonlinear/Shock Media, beginning in the Transonic region, the Electron, Magnetic and Kinetic/Thermal components are always locked at the hip together at 90 degrees to each other. When in transport, one axis, the Kinetic/Thermal Axis renders the other 2 Co-axial force components are driven to have 'Diminishing Trivial Non Zero Sums, that they appear to disappear or disconnect. This is cause of the Disconnect/reconnect illusion. To find the tiny, tiny growth in vectors, you must Eikonally Correct each subcomponents of the waves Group Velocity. This is Modeled in a 3x3x3 Heinsberg style Matrices. The Matrices Expand to 26 DOF.





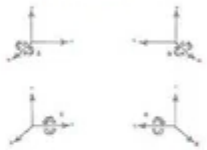
SECTION D RH RULE THEOREM LEMMA , Classical Version

LOCI of 3 Axial "FOCI" of FORCE MATRICES



ABSTRACT REFERENCE POINT of R1 (X0,Y0,Z0) is called a LOCI. | One 'REALIZED' LOCI is called a FOCI | 3 AXI are both FOCI and LOCI.
1FOCI= Center Mass multi-FORCE-TENSOR | 1FOCI of ABSTRACT FORCE= 3 single AXI of ELECTRONIC = E, e ,MAGNETIC = M, m, KINETIC = K, k
1 r3 FOCI of 3x 2D r2 SINGLE AXIAL FORCE have with Magnitude and Vector in a Native Gradient Field, FIELD TENSOR LEMMA.
ZERO STATES do not exist due to thermal agitation of the Universe in Motion. These states are referenced as the Empirical impossibilities due to ¼ wave Schrödinger/Pauli and use ± 0 to as Empirical representation to show tendency to remain in motion.

$$\begin{Bmatrix} x & x & x \\ x & x & x \\ x & x & x \end{Bmatrix} \begin{Bmatrix} x & y & z \\ y & x & y \\ z & y & x \end{Bmatrix} \begin{Bmatrix} y & x & z \\ x & y & x \\ z & x & y \end{Bmatrix} \begin{Bmatrix} z & y & x \\ y & z & y \\ x & y & z \end{Bmatrix} \begin{Bmatrix} y & y & y \\ y & y & y \\ y & y & y \end{Bmatrix} \begin{Bmatrix} y & x & z \\ x & z & x \\ z & x & y \end{Bmatrix} \begin{Bmatrix} x & z & y \\ z & y & z \\ y & z & x \end{Bmatrix} \begin{Bmatrix} y & z & x \\ z & x & z \\ x & z & y \end{Bmatrix} \begin{Bmatrix} z & z & z \\ z & z & z \\ z & z & z \end{Bmatrix}$$



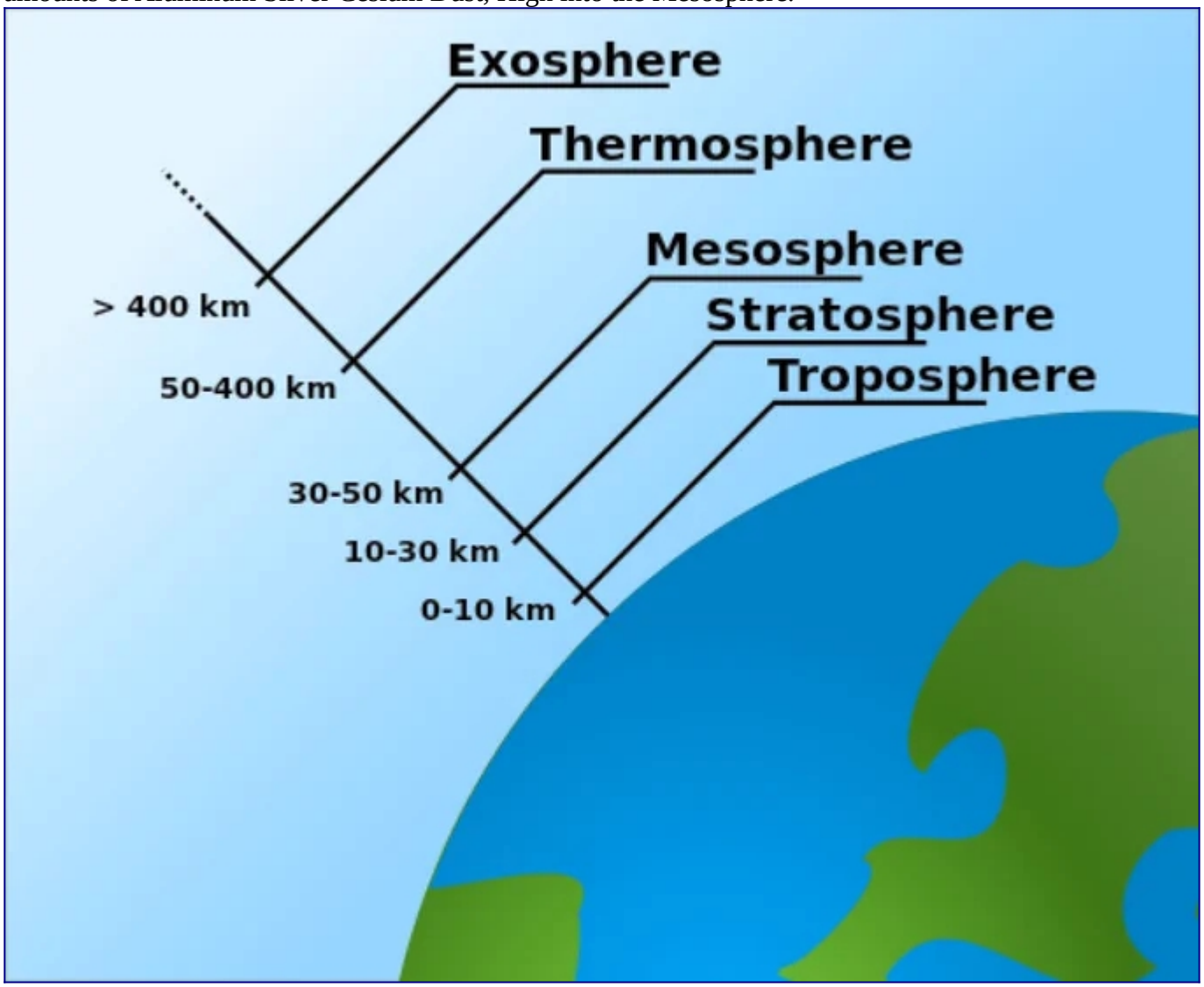
Energy HEATING/EXPANDING Dimensional states, +1
Energy STORING states (Density increase) (Conservation) (± 0) $+1_{\mathbb{R}}$
Energy CONDENSING /CONTRACTION Dimensional states. -1
REFERENTIAL SETS are fixed reference Sets of Discrete Sets.
DYNAMIC EMPIRICAL WAVE TRANSFER FUNCTION LIMIT STATES, showing TENDENCY of drift vector to stay in motion.
EXPANSION (Elastic)| CONSERVATION| CONDENSATION /CONTRACTION

$$\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix} \quad \begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix} \quad \begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix} \mid \varpi xyz = \begin{Bmatrix} \sigma 11 & \sigma 12 & \sigma 13 \\ \sigma 21 & \sigma 22 & \sigma 23 \\ \sigma 31 & \sigma 32 & \sigma 33 \end{Bmatrix} \mid \text{EMPIRACLE TENDENCY } \iiint_{-1\ DARK}^{+1\ LUMINAL} \pm 0_{\underline{t}}$$

(PUT all RULES for THEOREM BASIC LEMMA here.)

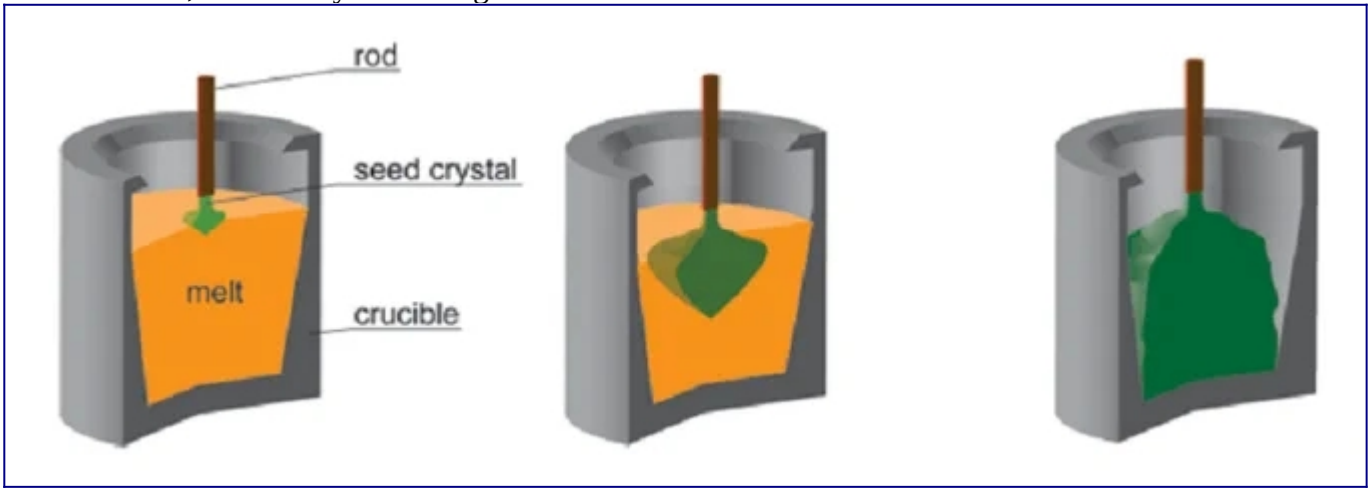
Media Surface Interface.
SECTION D RIGHT HAND RULE of INTERFACIAL NUCLEAR FORCE TRANSPORT VECTORS.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @rcbenker @ryanhallyall
After 30 years of Nano Metal Ion Seed media CHEMTRAILLING, the winds have lifted massive amounts of Aluminum Silver Cesium Dust, High into the Mesosphere.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jul 2025
Replying to @rcbenker @ryanhallyall
The Aerosolized Nanometals in the Jet engine's exhaust is part of a Global Climate Engineering System to generate Unstable metrological conditions conducive to Natural Disasters.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @MinuteofZombie
I will add another method, not found in monographs or textbooks. If you have a Trapped volume of heat saturated ION seed Gas with Hydrocarbon, with no Free oxygen content. It is possible to adiabatically shock compress a Electron Sink, upward in thermal energy to shock the Electron from the Electrons Lattice of Continua and scavenge High Current Flow from such shocks. Models that are fully monolithic crystal based are called Solid State Alternators. These are wiped-Plate type modified Czochralski Valance-Driven, Grown Crystal method. These devices can be made 100%

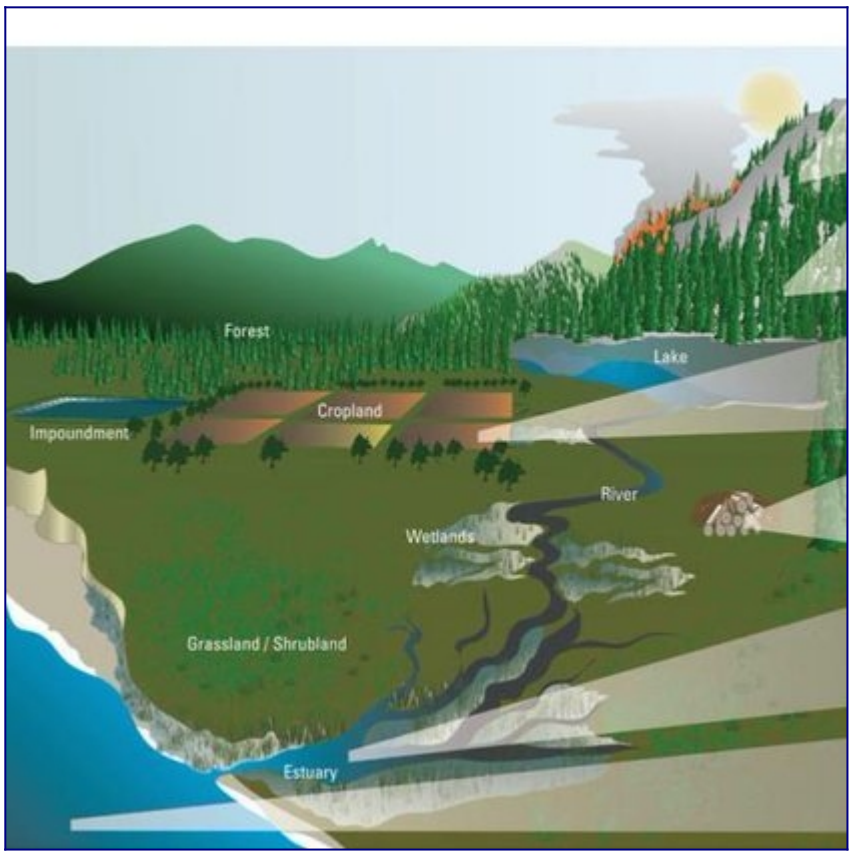
Solid State, but are best Form Factor in a Semi-Mechanical Solid-State Alternator, for maintenance and servicing longevity. It is possible to Shock Electrons right out of the Lattice and Capture the Refill currents, Inductively in a 2 Degree of Force "Cattle Chute". Czochralski seed bulb Method



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @J6ssicaWatkins
In a Democracy, Laws are selectively applied to CLASSES of PEOPLE. (ie. celebrities, politicians, wealthy industrialist) A Democracy is a 'Class System' the same as the 'Caste System' in India. In a Republic, Laws apply to ALL. A Republic criminalizes Class Systems.
en.wikipedia.org/wiki/Caste_…

Caste system in India - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @lynssss3125
You have to wait till after the show begins, late 2027.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @rcbenker @RepThomasMassie
CO2 Ground Sequestration is a ENRON whitepaper to Freeze the Ground water and have Municipalities Pay money for "New Water ACESS TECHNOLOGY during the UN Planned Megadrought. These Plans Engineers names, link the UN governance with ENRONS CIA ownership. The ENRON plan was to use the ruse of Global Warming/now Climate Change as a reason to sell the idea of Freezing the Ground Water with CO2 to prevent "We the Peoples" access to ground water. They plan on using half of the US produced electricity to Liquify then transport below Freezing Vaporous boiling CO2 into shallow to deep pockets within the earth. The Freezing is first to strengthen the Frozen Cason vapor manifolds. Then Pressure is picked up to 900PSI+. The USGS Blew 26 cubic miles of a single CO2 induced Sand Boil in Colorado, back in 2011 and covered up the story of the Mega-ruptured Sand Boil region. usgs.gov/faqs/what-carbon-se…



What is carbon sequestration?

Carbon dioxide is the most commonly produced greenhouse gas. Carbon sequestration is the process of capturing and storing atmospheric carbon dioxide. It is one method of reducing the amount of carbon...

usgs.gov

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @arrowbombadil
Be advised, If FASTING for more than 20 days, WILLINGLY, will bring Spiritual lessons the Faster may not be ready for.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
MESOSCALE LESSON. I divide the Universe into 3 functional SCALES, based on cohesiveness of the waves Group Velocity. The MACROSCALE - consisting of all matter larger than a hot ION. This scale consists of Molecules dissolving, Atomic Nuclei moving and the smallest particle is the conceptual Reference HYDROGEN ION. The MESOSCALE - consists of Waves of Momenta, only. There are no Particles in the Velocity Space. The Mesoscale's Dimensions are too small for IONS and Electrons in this region, easily Bunch toward the smaller MICROSCALE of the Electrons Lattice of Continua. To call transient Waves a Particle in this region is to misinform the student. It is an illusion that quantitative Fractionals do show in the mathematical study of the MESOSONIC REGION. The effects of Quanta in this region have been falsely labeled particles in

the textbooks, further adding more misteaching to the Field. The Brits are not going to stop telling a 100+-year-old textbook scam. The Mesosonic Region consist of 2 correctly identified WAVES. The Pion and Muon WAVE are correctly identified but are transient Waves in the MESOSCOPIC region. The Mesosonic region, consisting of the spatial dimensional Vector space between the Macroscale's IONS and Microscale's ELECTRONS. No Particles or matter exist in the Mesoscopic region, only Volumetric dimensional Velocity of the Transits. A Wave can be made of the Matter/Media of, the FIELD it traverses through. Such as, water is the FIELD, a WAVE of Water moves through Field. When a Ionic Waves pulls off, via Nonlinear/shock, an the wave energy moves toward the Z Axis (Kinetic Thermal) in size, it is vectoring toward the Electrons Lattice of Continua. Or we shall say, EXPANDING. The Expansion off the ION is the MUON Wave lasting 2.2 microseconds of duration with 660 meters of Linear Surface/Volumetric correction of Electron displacement in the Mesosonic Lattice. The Expansion off the ELECTRON is the PION wave lasting 26.033 Nanoseconds of duration with 7.8099 meters of Linear Surface/Volumetric correction of Electron displacement in the Mesosonic Lattice.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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8 Jul 2025

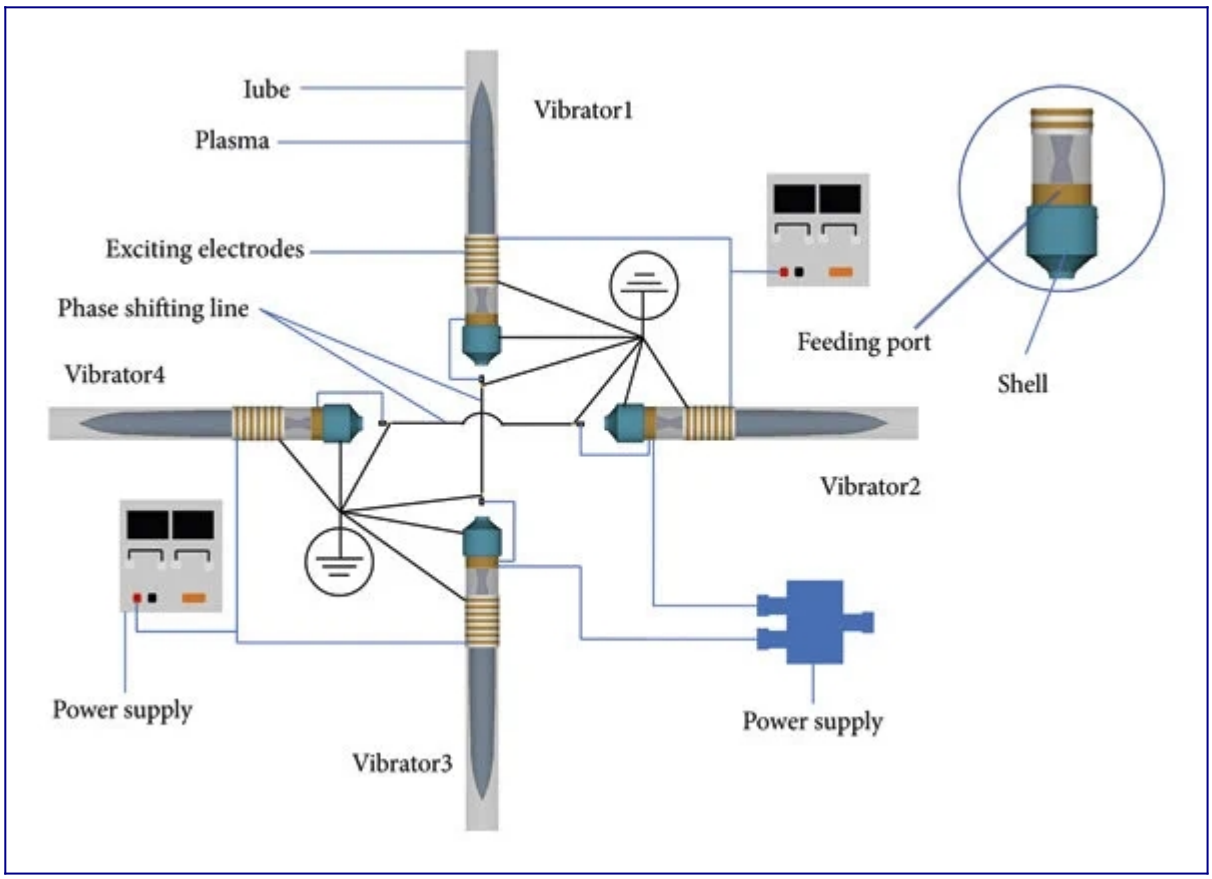
Replying to @UfoBloke

Poor Buoyancy Field Stability. Bad Ion Seed Mixture. Use of HF HVDC+ currents to scavenge ION field containment. (Nature does better. Field is repeated pulsed to ensure no Renormalization of the hot ION Seed mixture's Statistical distribution.

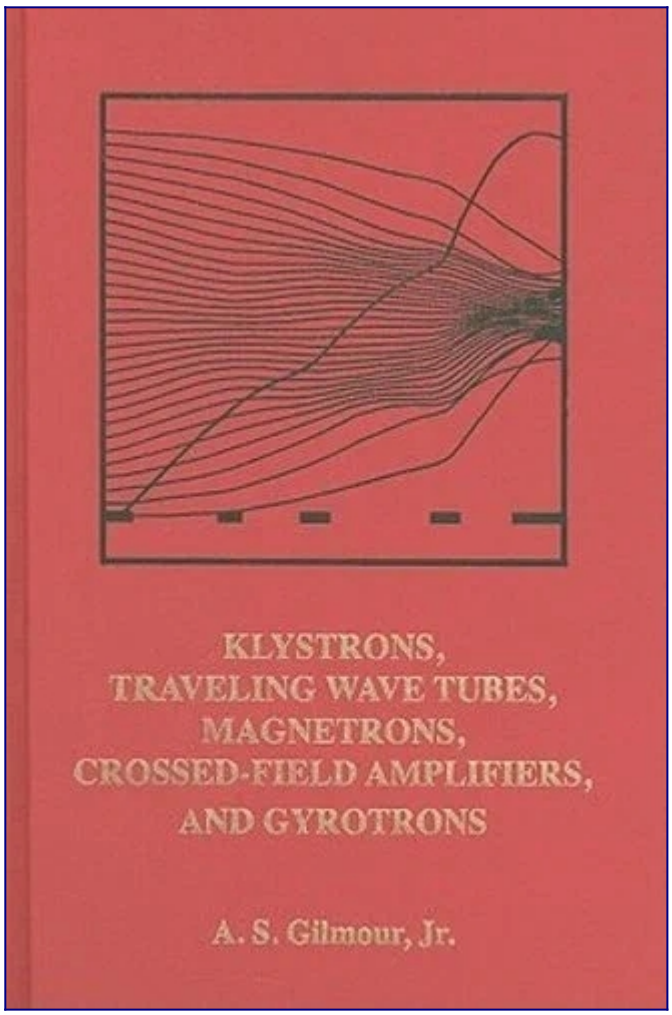
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025

Replying to @Standa_V

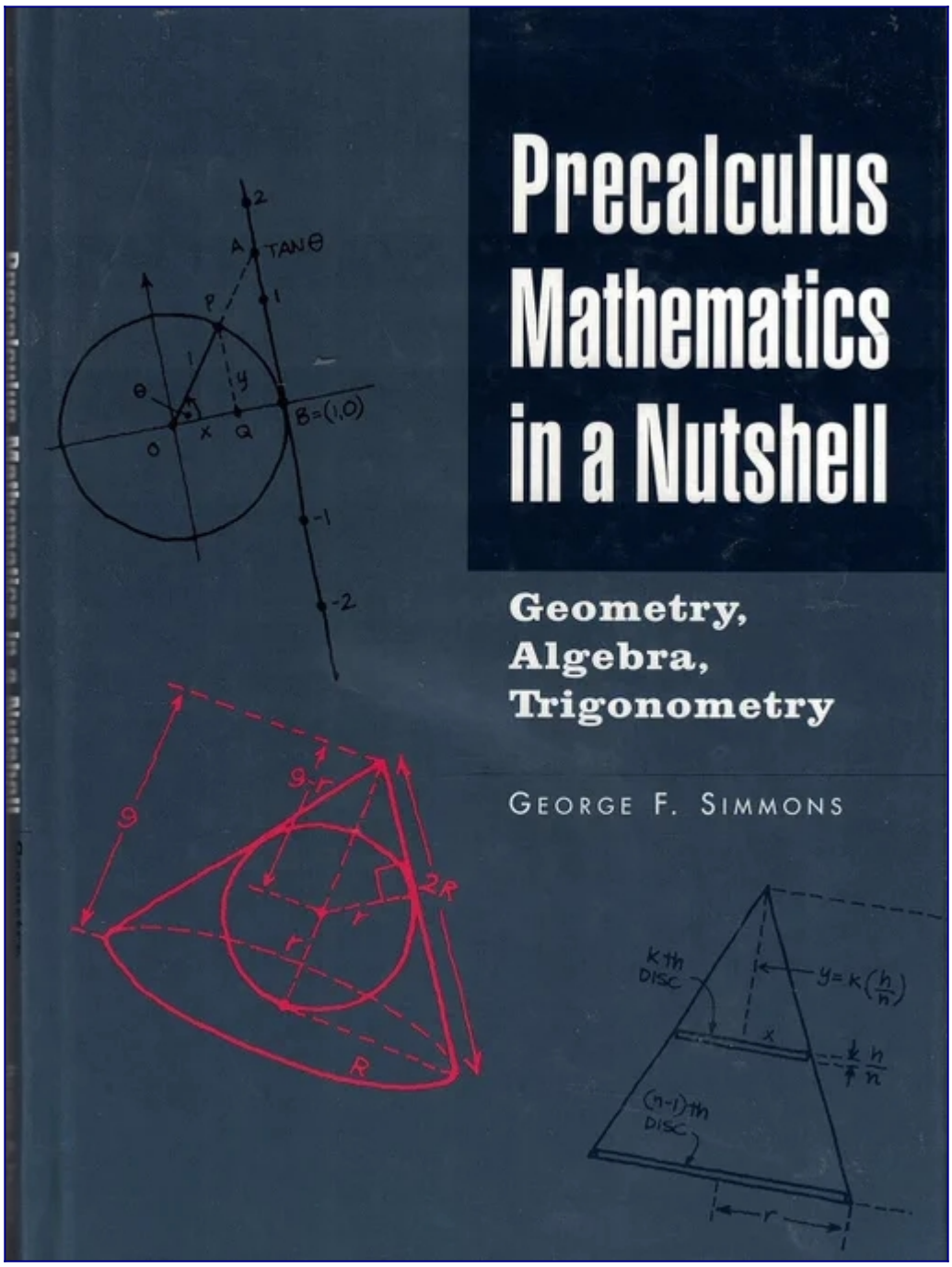
NOT Lockheed Tech. DOD/DOE/NAVY USAF-AFIT Technology. Man Made. With Incandescently heated Thorium Plasma Antenna Technology demonstrator with little engineering constraints.
google.com/books/edition/Pla…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jul 2025
Replying to @MagnetReconnect
archive.org/details/klystron…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jul 2025
Replying to @rcbenker @ChiefDinger
Best Orientation for Adults. Well done, short, no excess. Teaches on 9th grade level. Must note: I help set up Advanced Physics Homeschool programs for family, and this is best for age 14 up. Real Cheap used Hardback on Amazon, are less than $10 with tax and shipping.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jul 2025

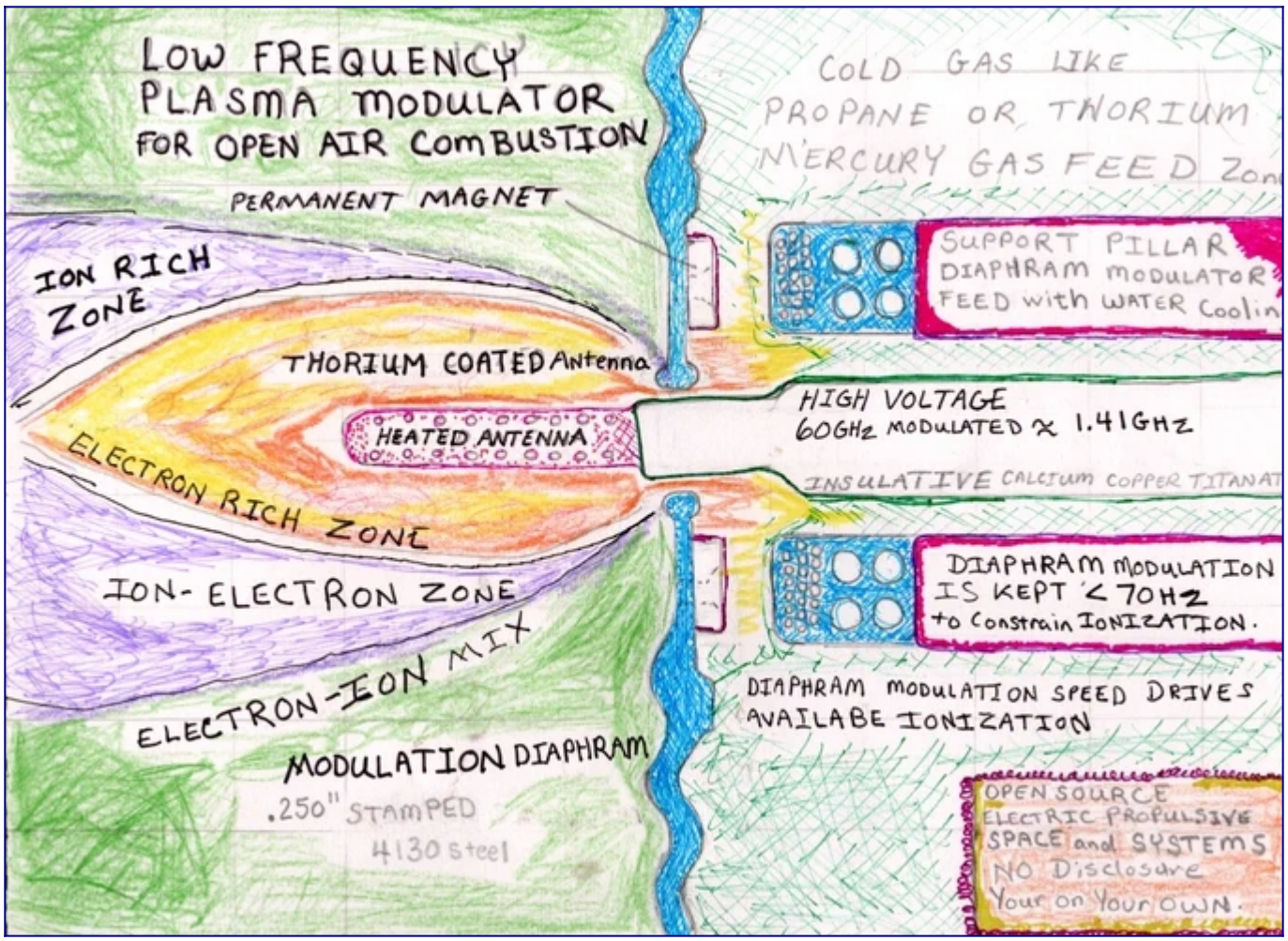
J.J. Thompson found the ELECTRON is the smallest Particle that has Real Mass. Everything smaller is accumulative Fractional Forces, like heat derived from a hammer blow. So, the Electron has Real Momenta, and its fields is always tied to Local Real Ionic or Statistical Distributed kinetic Quantitative Forces resultant of, Fractional/Virtual/Relativistic/Summation of partial collisional eddy's. (The causation of Long-range Coulomb Debye ass grab of arm length). Traditionally, in Classic Physics, these were Formerly Called GHOST. At the University level, Today, we define Fractional Forces, with less information, and disregard Mapping Kinetic Momenta and try and make people Map Ghost. Just draw some squiggly lines and say STRONG NUCLEAR FORCE and WEAK NUCLEAR FORCE. No Such Forces Exist. The Mesoscopic Region has no Real Particles. Only Ghost Eddys of Fractional Forces. This is part of the ACADEMIC SUPPRESSION by

Miseducating Graduate Physics to think there are Real Particles in Fractional Forces. This is suppression by teaching Half Truths and Equating the relations to Nonsense. No such thing as Strong or Weak Nuclear Force. MESOSONIC WAVES are Kinetic Coupling Momenta between Ionic Scale and the Electron Scale. NO REAL PARTICLES.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jul 2025
The Study of IONIC WAVES is called PLASMA PHYSICS.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jul 2025
Replying to @ZShaman13
youtu.be/watch?v=vjeAeV6W…

CIA DIR Brennan Discusses Geoengineering

Stratospheric Aerosol Injections? Or another words, Chemtrails. This project has been going on since before 2001. Dennis Kucinich tried to pass a bill, tha...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jul 2025
Replying to @HustleBitch_
UELF Digit Bit oscillations from DOD Seismic Communcation Systems, In Tahoe area.
Load more
Load newest
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025
Replying to @LehtoFiles
In 1992, It was SOP for AFRL Program Directors to tell Certified Technicians, "Alien Technology". THE DOD/DOE has had such vehicles since 1953. Previous models were death traps. My brother-in-law was a Navigation Systems Engineer in the USAF/side of those programs. He said, in 1953, a improvement was made. NAZI developed vehicles had no Attitude control system. In early 1953, an engineer got the idea to install a giant fly wheel to stop the random rolling of the vehicle. 1 Gen NAZI Death Traps had no attitude control system. To Kinetically move, due to the antigravitational electric field The Model in the picture has a rod on top, The First models I worked on had Plutonium coated antenna. (Raspatory Hazzard, Suited PPE to maintain) I swapped design over to a Incandescently heated Sintered Thorium Antenna. The conformal lip around the base of the antenna is not visible in the picture. DISCLAIMER: I AM a LARP.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025

Replying to @nobulart

The greater Ground conductivity also correlates to Subsurface Density. The Red areas are mostly devoid of deep Caves and other subsurface voids. Alabaster Caverns Oklahoma caves are shallow cave system with solid rock base. Some localized spots there are 20 to 25 Milliohms per meter. Indicating, no voids below the shallow cave (covered trough). My ground conductivity during drought is 42 milliohms per meter in Norman, Oklahoma. my house foundation is on a Miles thick Sandstone ridge. The Subsurface sandstone ridge Sandstone ridge that runs from Lawton to Tulsa is one giant long sandstone rock. Back in the 1960's, DOD/DOE drilled and placed over 100 seismic Sensors into the subsurface Sandstone ridge for the purpose of Nuclear Weapons detection Systems. The entire Seismic Nuclear Weapons system is undergoing a Upgrade. The original Seismic sensors are to be pulled this year and a PZT (Lead Zirconia Titanate - microphone) acoustic array sensor with, dual Photodiode scintillator detectors and Magnetometer, are a new upgraded sensor.
osti.gov/servlets/purl/11300…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025

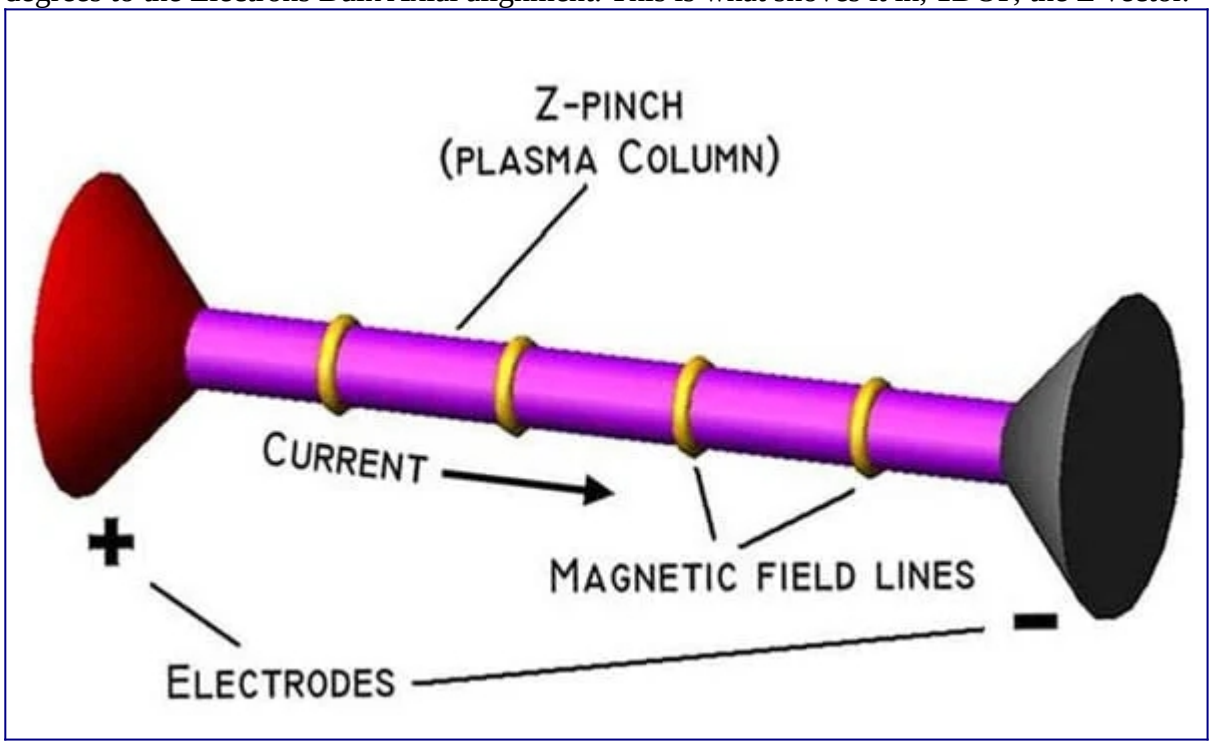
There is only 2 shure things in life. DEATH and Some Communist telling you to Pay taxes.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025

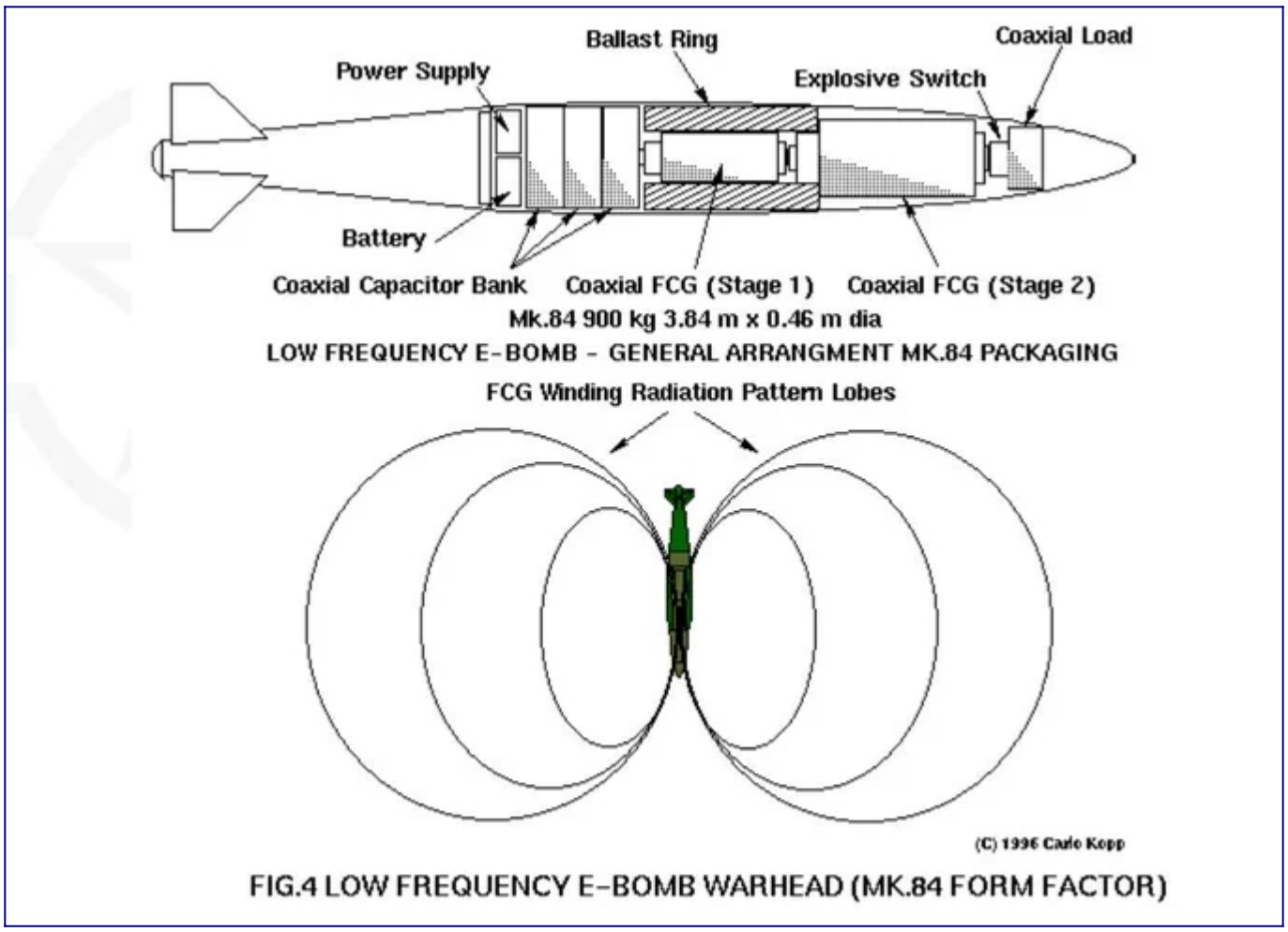
Property Taxes = Rent Payment to County. SIMPLE...

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
1 Jul 2025
Replying to @ChiefDinger @MagnetReconnect
Your navigating well! I make people upset when I say, Hadrons (Fractional Electron Forces) are deformed Electromagnetic Tenson Fields and not particles. They will never be particles as they are the Ghost of, Eddys of the Electron's wake, not the Wake itself.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025
Replying to @MarioBrisson1 @fishPointer @ChiefDinger
The Electron Wave can be easily Shocked out of it's Lattice of Continua, into higher dimensional, where Ions Grab a piece of the Electrons Shock Wave. The refill rate is 1hz +-.25Hertz. When the Shock goes out, it must be collected by closely placed Physical Plates and Coils wrapped around the Whole device. This is old school method, WW2 NAZI tech. The concept being, bunch some electrons, this takes Dwell Time to Build. then Squeeze the Bunched Electron Corpuscle at 90 degrees to the Electrons Bulk Axial alignment. This is what shoves it in, 1DOF, the Z vector.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025
Replying to @MagnetReconnect
We used those MK-84 type EM Bombs in Yugoslavia to knock out a "Force Field FENCE" system the Russian installed in the late 1980's. The Russians set up powerful transmitters, along hill tops and valley Passes, for NATO aircraft route denial, that could generate destructive Inductive Heating into any aircraft Avionics and ferrous Structure.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Jul 2025
Replying to @MagnetReconnect
Application of Explosive Flux Generator.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jun 2025
Replying to @6sigmagolfrx @DrStevenGreer
Distance is not a consideration for Covert Operations. Navigation related Attitude Reference Systems are the current engineering constraint in DOD/DOE antigravity vehicle engineering. If you can go any speed. Do DOD/DOE antigravity vehicles have a Navigation System that can resolve Attitude, through a Plasma sphere for 15 second flights to Mars?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jun 2025
Replying to @MagnetReconnect
The A-12 evolved into it's own Program. Reconnaissance only.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jun 2025
Replying to @6sigmagolfrx @DrStevenGreer
Covert Technology is about 40 years ahead. Monolithic Silver/Silicone amphoras crystal batteries, providing 70+ years of continuous Solid Corrosion principals. (Uses modified Gonidium as the electrolyte.) (Ran $80,000/unit cost for 180-watt continuous output). It is hard to teach this subject. There are no words for some effects, and I will use nonstandard words to convey information. DOD/DOE antigravity vehicles generate an artificial STANDING WAKE of a electric Vacuum Plasma Bubble to command LOCALIZED Gravitational Vectors, the Plasma DISORIENTATES the parent ION Vectored momenta direction toward gravity's axis/angular momenta. (Electrically bringing the spacecrafts mass into equilibrium with the surrounding Media.) (For full FLOATY Vehicle effect.) Why do people send me nasty DM and Post saying I cannot use the word,

ANTIGRAVITY. Just saying the phrase, "Gravity has an Axial Component" is met with "Authoritative disdain" from the CULT of C's armchair physicist UAP experts.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jun 2025
Replying to @nobulart @ChasingWConnor @JacobWX @tboltsproject
I've been directly involved in the USAF Command And Control of the Weather Programs. You are on spot. When you see a Dust Devil spiraling around, there is a stream of Heat Saturated Helium IONS tunneling out of the Earth due to Pressure Fronts sliding across the Earth Surface, Imparting a Negative Charge. A localized Eddy of ground state gases wil Spiral U with the Hot Ion. It is the Coulomb -Debye Coupling to the super heat saturated helium Ions, give the visual show that you see. This same phenomenon is also occurring in Tornados. A below ground Charge starts the Upward flow. This below ground flow consists of Massive Free Electron corpuscles and Partially IONIZED gases.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025
Replying to @DrStevenGreer
Why does the Bugger Sphere have hand drilled holes, by a individual, whom hasn't worked very much, with Sheetmetal or Hand tools. Why does it have polished tooling marks, indicating 3 level, Sheetmetal skills. It had lithographic Etchant utilized to make the pattern for hammering. Any aircraft mechanic is authoritative enough to discern those observations. Off center holes, not holding drill parallel to surface when drilling. If you observe a aircraft mechanics drilling Sheetmetal, you will notice they hold their hands in a web, were one hand touches the object and guides the drill to align the drill bit, parallel while the other hand operates the drill. The manufacturer of the Bugger Sphere had no HAND TOOL SKILLS. I surprised there isn't a mysterious COLECO sticking out of it. Evidence of FAKERY.... On the Real-World Side of Spherical UAV phenomena. I worked in many Floaty operations programs for almost 40 years. DOD/DOE antigravity vehicles, (I can use any word I want because MERICA), utilize amorphous vapor deposition of silicon on, 1 meter diameter, metal spheres as Plasma Buoyancy Field "Stall"(Collapse) detection systems. Moderate sized DOD/DOE antigravity vehicles will release to spherical "Bobbers" (Stall/Yaw Detector) that will gently bump the fuselage giving a audible Bump, for software detection of FIELD Stability, when rules for redundancy determine the need. Such as loss of sensor, optical tracking or Celestial Mapping Reference systems are off line and Optical horizon is level. These Spheres usually stay within the field, not touching the vehicle. The have a negative charge in relation to the spacecraft. The Plasma field places the spheres in continual Transport but still coupled to the IONIC Laminar Oscillatory field. When the vehicles move, the Bobber may shock away at a fast exit vector. I have not seen, were anyone has found one. they look shiny glassy black. youtu.be/shorts/PCU6g9mfR…

Synthesis Lectures on
Materials and Optics

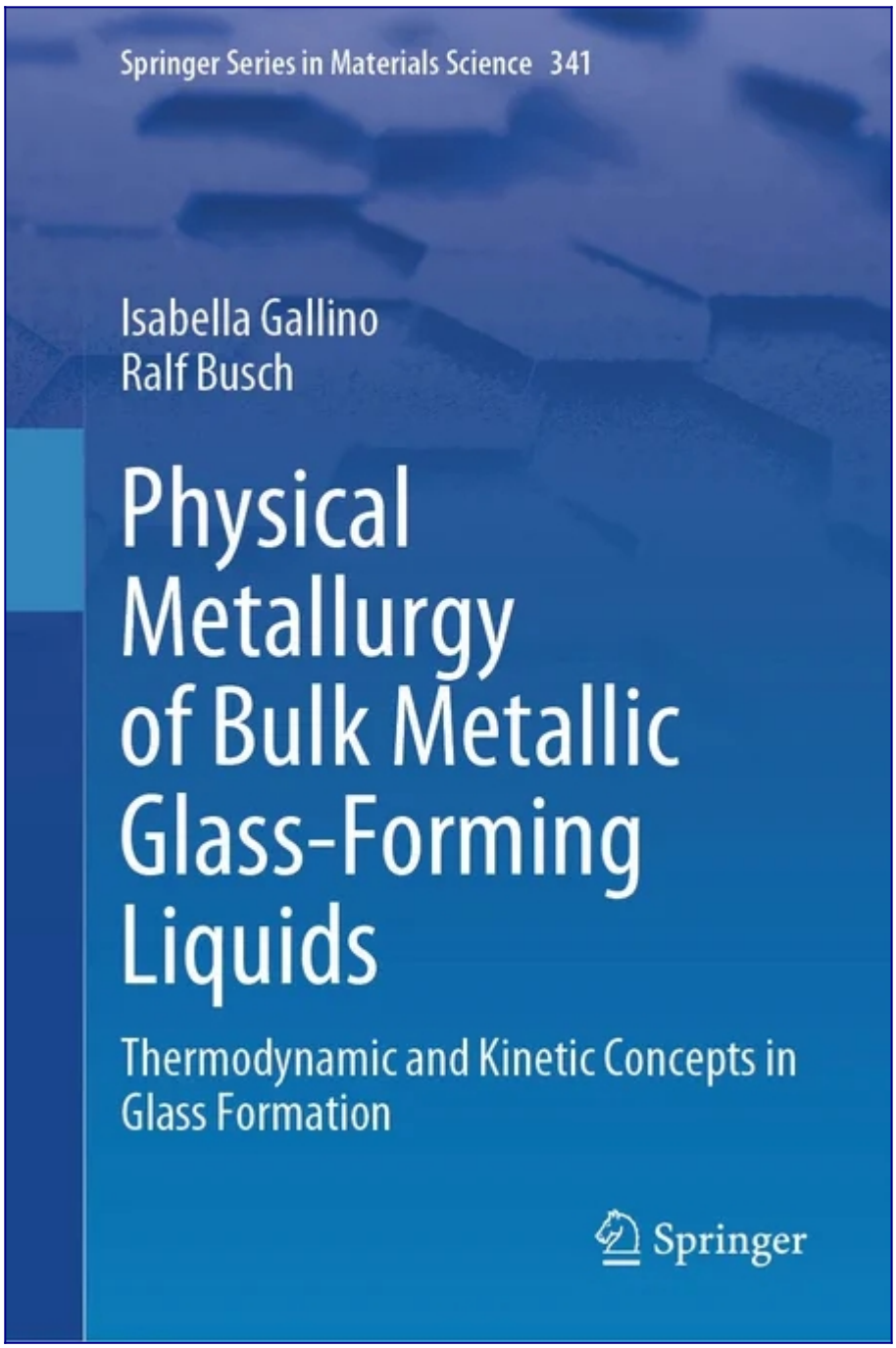
SYNTHESIS
COLLECTION OF TECHNOLOGY

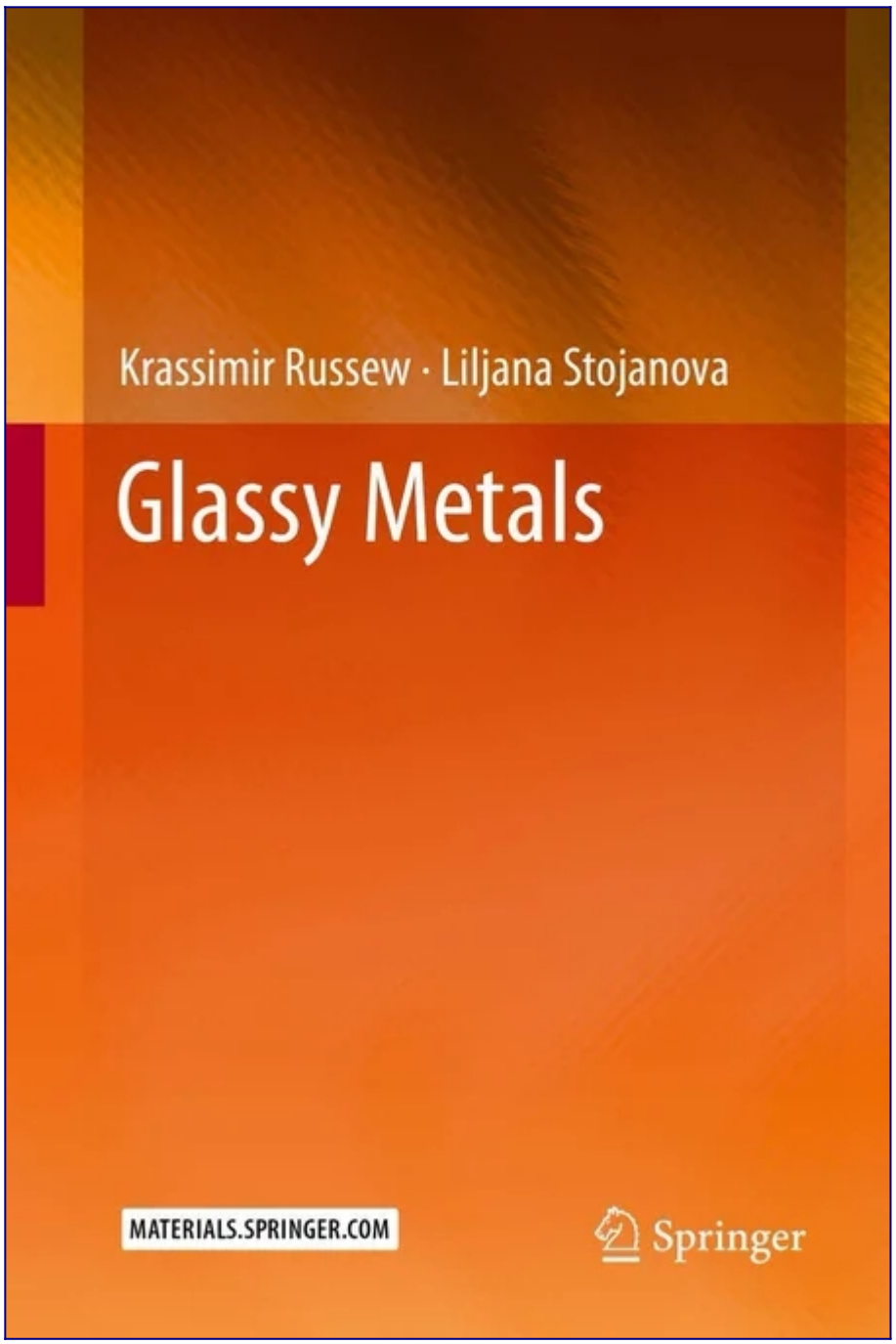
Gagik Ayvazyan

Black Silicon

Formation, Properties, and Application

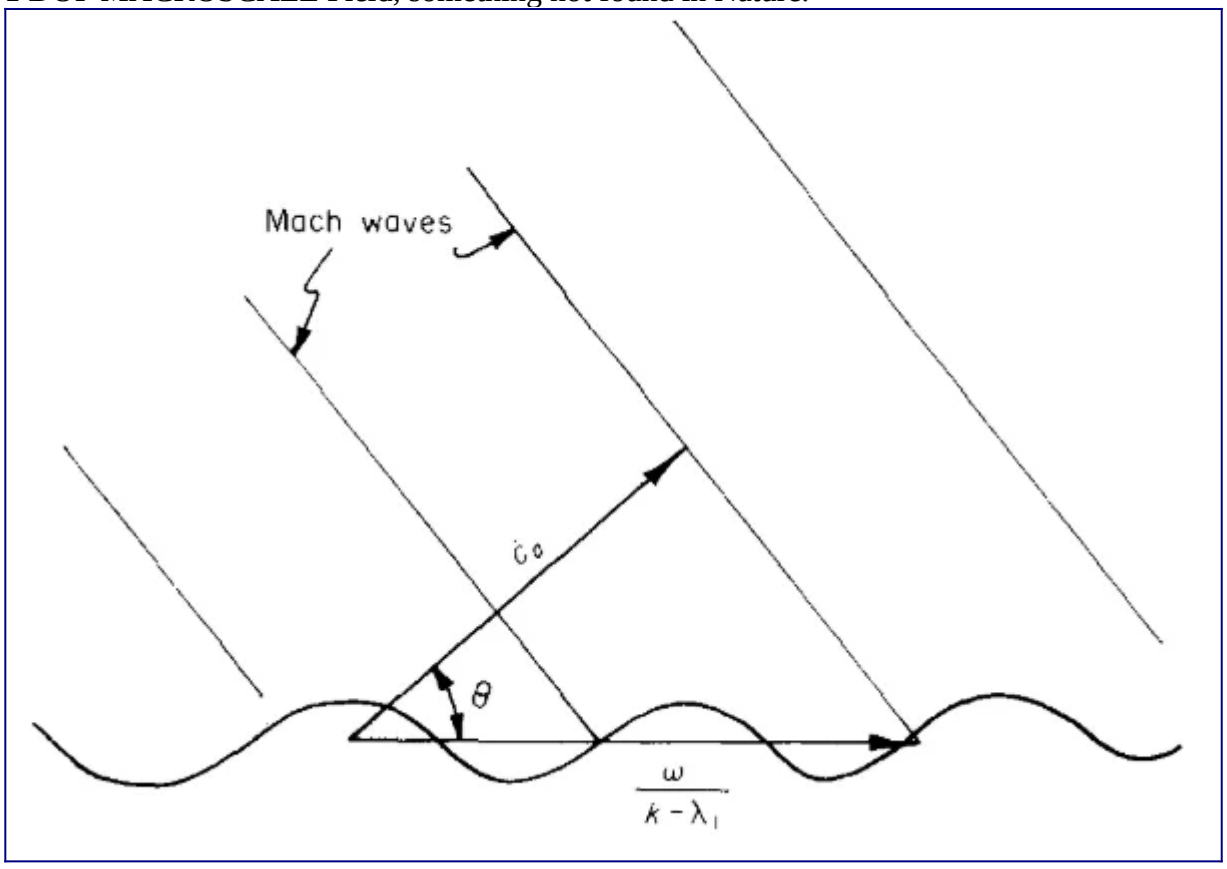
Springer


Springer Series in Materials Science 341
Isabella Gallino
Ralf Busch
Physical Metallurgy of Bulk Metallic Glass-Forming Liquids
Thermodynamic and Kinetic Concepts in Glass Formation
Springer



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025
Replying to @Aethwean @nogps1
HARP operates in a differing role. HARP purpose is to CHARGE regions of the IONOSHPERE. The ability to move artificial High-Altitude Low-Pressure fronts with HARP is secondary to it's purpose. HARP moves fronts by CHARGING a IONISPHERIC region until saturation and rupture occurs in the Corpuscular shaped DIMENSIONALLY EXPANDED ION FIELD. (Same method as ION PENNING and Paul TRAPPING.) HARP can only steer by redirecting some IONIC expansion region's rupture. HARP HEATS the corpuscular regions then lets the Heat Corpuscle loose to be steered by the other components, (Worldwide WXR-88/WSR-88 Radar Array) of the Air Force 2025 Command and Control of the Weather. The key technology is ENGINEERED MEDIA FIELD via NANOMETAL component is the ION SEED MATERIAL added to the Jef Fuel, worldwide, paid by BillGates/DOD partnership. HARP is also backup for no latency, low frequency Data link by Seismic (RF SIESMIC) Communication Systems Onboard Submarines and for EMP

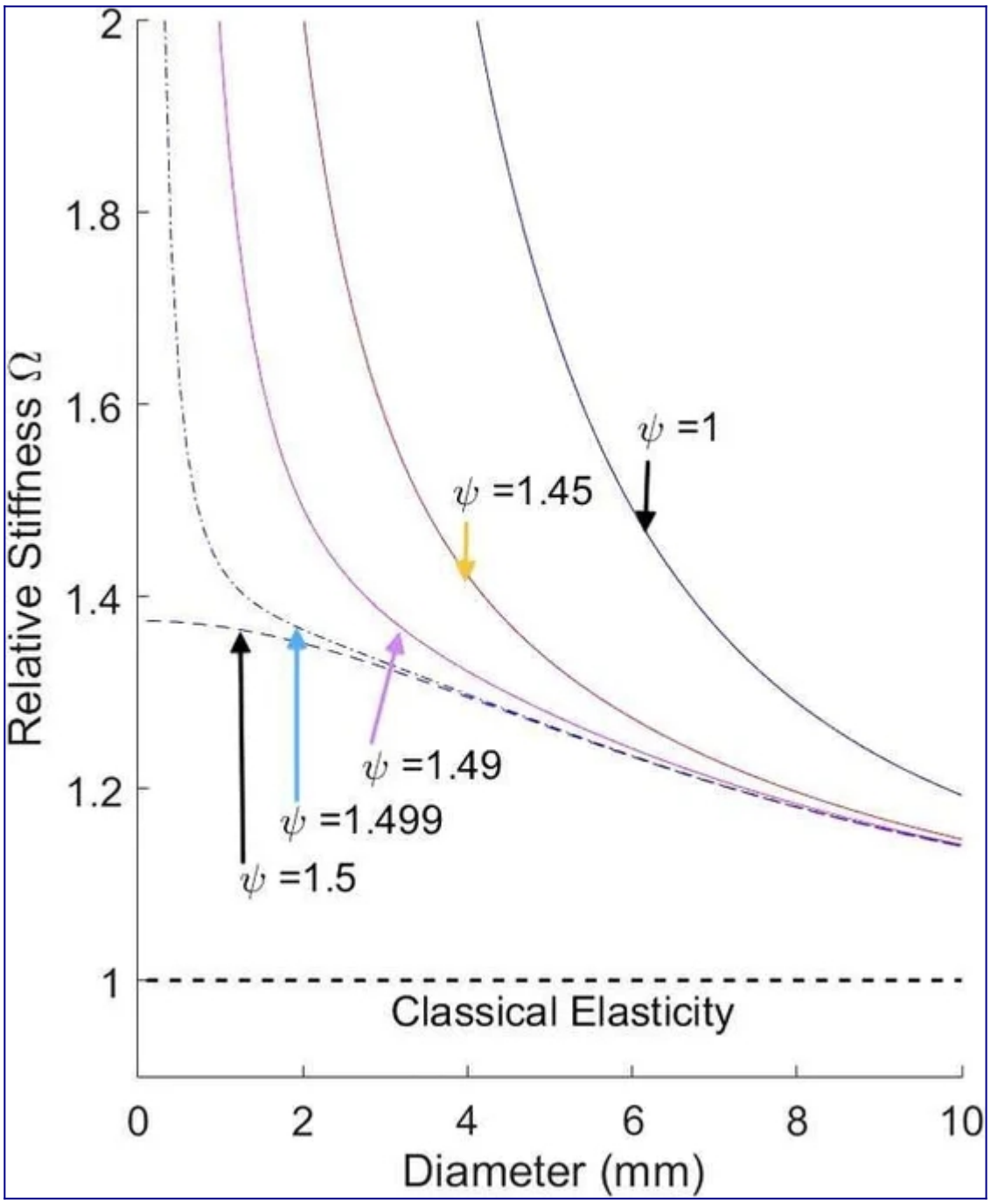
communications reliability on DOD satellites. HARP can modify atmosphere's Reflectivity to boost Optical Skywave Based covert communications Datalinks. UVX Ground to satellite Data Liks are utilized by All Big Nation Navies worldwide. The US NAVY has used Sky Wave Optical UVX DATA links, (as subpart of a full system) for subsurface communication for 35 years.
sciencedirect.com/science/ar…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025
Replying to @th_stath
When Fractional Forces Shock Project from the 2D Electron Lattice, (a Nuclear scale based plane), inelastic Wave MOMENTA Forces, from Relativistic and REAL collisions, the summed vectors go in both Dimensionally Large and Dimensionally smaller scale of existence/renormalization path. The Small- Scale transport Path of relativistic Fractional Electron forces, shear the REAL MOMENTA and have only GHOST MOMENTA of TRIVIAL SUMS. The REAL MOMENT hit the MACH wall, where the Electron-to-Electron Debye Screening length, is Yanked against mechanically. Small-Scale Force vectors are toward the land of Hadron. (Hardon, ruler of the Ultra tiny, Tiny Stretch-Armstrong-like People). Vectors, vectoring toward larger Dimensional space, from the 2D Electron Lattice of Continua, that get shocked (Nonlinear), transport in a MESOSCOPIC WAVE (Meso between Ion scale and Election scale). There are, technically no MESOSCALE Particles. It is a Plane of Transport of Moment, between Scaled Planes. The Mesoscale is resultant of Interfacial tension between the IONs and Electrons Coulomb and Debye related Electric, Magnetic and Kinetic/Thermal forces. When the Waves Moment projects Fractionals from the Electron's Lattice, toward the dimensionally larger Macroscale, it is Orthographically Radiatated in a Spherical pattern. Our Macronuclear scale diffuses the Electrostatic Force Fields Found in 2D Electron Lattice found in Electrodynamics textbooks. You can artificially pull the 2D Micronuclear scale forces into our Macronuclear scale world with geometrically aligned Oscillatory Fields of electricity, around a Valance Fuselage Engineered spacecraft. When engineered properly, the plasma assisted artificially generated FORCE FIELD is a 1 DOF MACROSCALE Field, something not found in Nature.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025
Errors in Post are purposeful to show I am a Human.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025
Replying to @nogps1
I .was on a consultant team for USAF Weather Modification from 1997 to 2020. The Aircraft is nott turning anything on an off. The Fuel Contains Nano-Particles of Silver and other un-oxidized metals to establish a valance driven Ion suspended, (in static), Fermion Gas. or A GAS ELECTRETE. The Ground radar WXR-88 & WSR-88 radars UTILIZE ION Trapping/Penning, of the Water Vapor + Hydrocarbon and ION Nano Seed gas in the JET FUEL SPACEIFICATION, into a Engineered Structure. (See Rolling Waves in picture) S, the aircraft just exhaust the fuel in a normal fashion, then RADAR WAVES TRAPP the NANO particles for multiple purposes. One purpose if a worldwide high-resolution Slow Wave Radar system to see every surface and most subsurface structure. (This program is is going thorough Tuning and Filter development stages. and for Weather modification the Clouds and weather fronts can be accelerated and steered in any desired direction. At the University of Oklahoma's Advanced Radar Center, we hands elected Profiled Students to go into the weather modification Systems, which is run under 5 Eyes. The Sky is presenting Trapped Ionic Flow in the picture, not Fake Gravity Waves. I been around the weather modification program 40 years. Fortran Code I wrote in 1991, for Space Based Ocean penetrating Radar system, is still running today in orbit. "Ma Gravity Wave".. Bla bla .Da...Black Hoe, Warp Drive, Bla Bla en.wikipedia.org/wiki/Pennin…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025

Mesoscopic Wave Transport Mesoscopic Wave Transport refers to wave-like behavior and charge movement in systems larger than atomic Nuclear Scale, but smaller than macroscopic (100 nm to 1,000 nm), where quantum effects like confinement and interference are significant. Velocity here relates to charge carrier drift or wave packet group velocity in nanostructures. I divide Nuclear Scale into 3 Divisions, Macro for Molecular to ION Coupling Scale, Meso for Ion to Ion and Ion to Electron Coupling, Micro for Electron to Electron and Electron to Fractional. The Micronuclear scale is all Lattice 2 Dimensional with 2 Degrees of Freedom, (Away or towards, Expansion or Contraction, + vector or - vector). We exist on a 3D Orthographically Projected Macronuclear scale world. We cannot perceive the 2D Lattices of Continua, RIGHT in FRONT of YOUR FACE, in the Hydrogen Lattice, whose dimensions are not visible at our scale. In Electrodynamic Textbooks we find the Interfacial Electrostatics and other Electrostactic 2D Microscale Nuclear Force Fields. At our Macronuclear scale, we Do not experience the Electrostatic Force Fields because, they get lost, (Trivial Sum), when orthographically mapping the dispersals and reflections. So, keep in mind, the Forces are still there, just at angular vectors where momenta is hides off gaussian axis of propagation and must be "FORCED" into realignment in Engineering Antigravity Spacecraft. Forcing realignment of orthographically projected EM & K/t Waves is done by Reducing LOCALIZED Space with Ion Seed Plasma Vacuum bubble (Surface Plasmons). DOD/DOE antigravity vehicles utilize Electricity to push the Universe away, with Slow Wave of Oscillating ION rich Electricity.

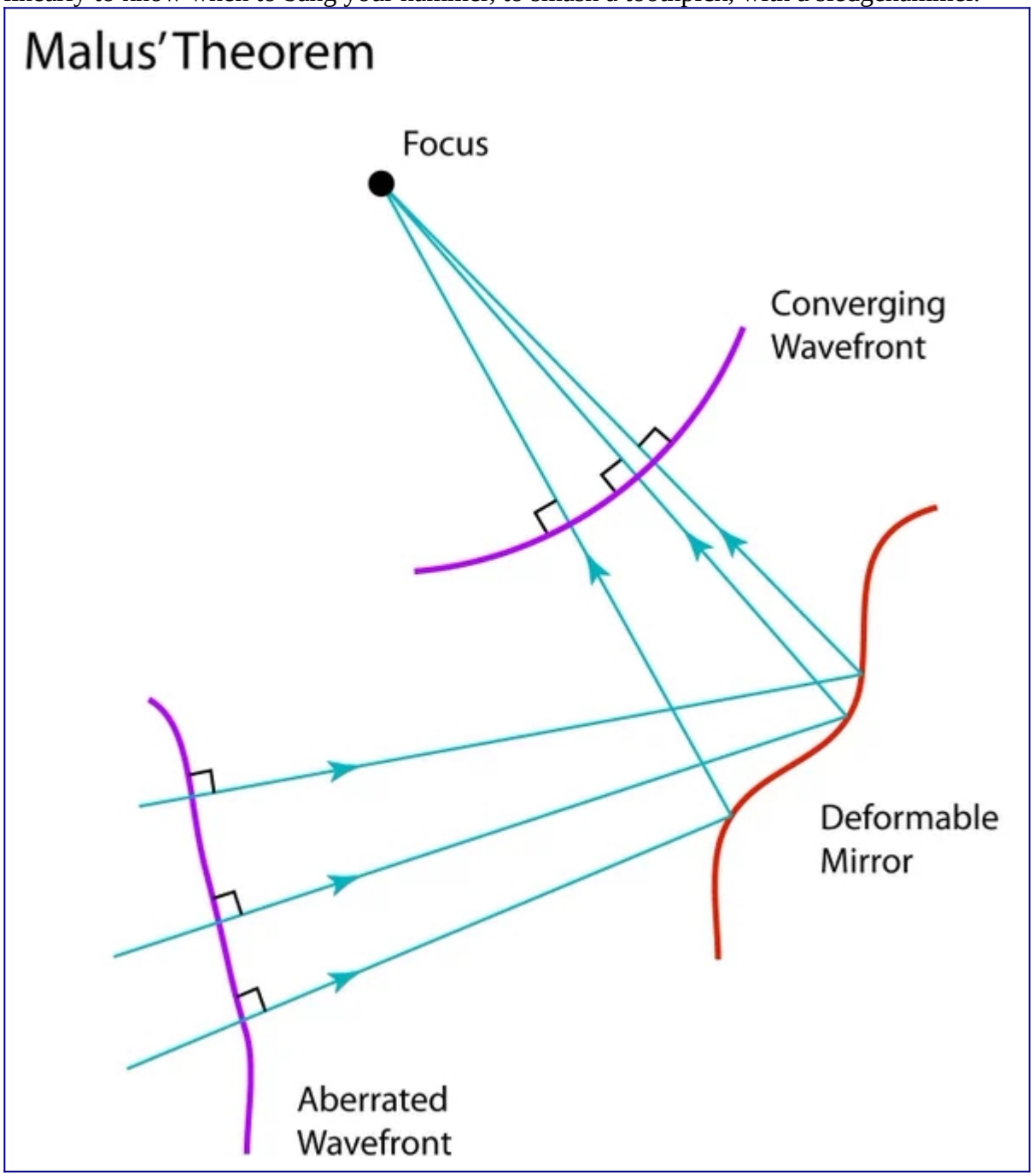


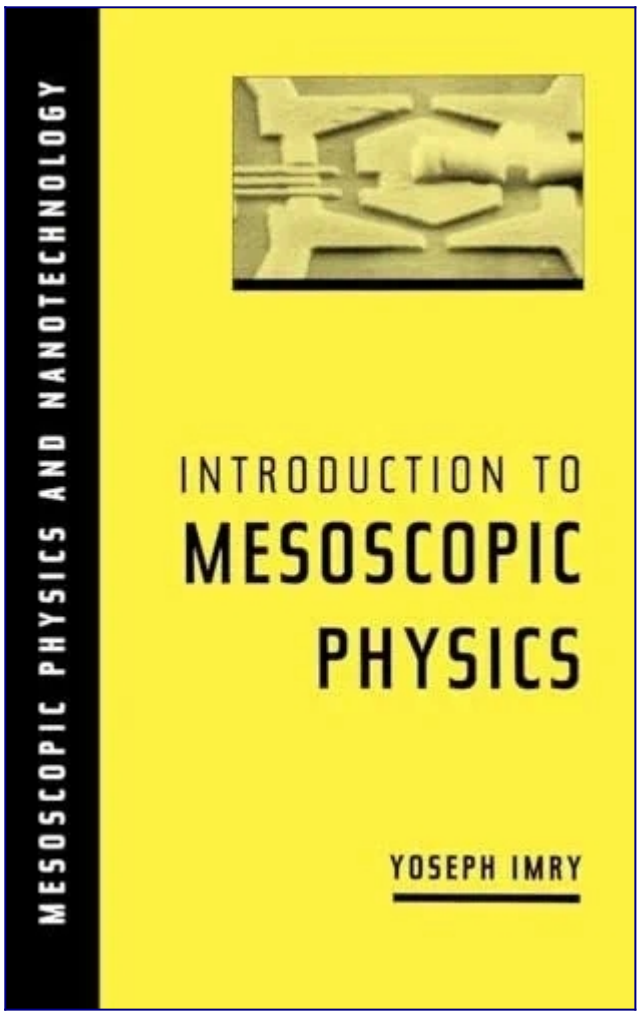
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Jun 2025

Replying to @hayshizz @TheRealVerbz @RealAlexJones

Since Grok is still broke, I'll give an answer. 2D Eikonal Correction of Velocity is utilized in Seismic and Ultrasonic Tomography. ASCRT Software listens for sound absorbing differences, in the analyzed Media reflections by Eikonally Correcting the arrival time of the Doppler Shifted reflection. Example of 3D Eikonal Correction of Velocity, from Eikonal Expansion, When a EM and KINETIC/Thermal wave propagates, the Electronic Wave has a differing velocity from the Magnetic and Kinetic/Thermal Waves. Element: All 3 Waves have differing velocity as the move through media. Element: All 3 forces are tied 90 degrees, anchored at the hip, to each other. Conceptualized process is similar to "Temperature Corrections", for Bernoulli's Pressure Velocity Inverse relationship. Correcting to Standard Reference for Ref Std Quantitative Equivalency. At subsonic propagation flow, everything is linear and has slow refill rate. The E, M and K/t Wave have cohesive flow. When M>1 Shock occurs, the IONS E, M & Kinetic/thermal Wave and the

ELECTRONS E, M Kinetic/thermal wave disconnect a majority of ION to ELECTRON Coupling, resulting is greatly differing travel times for the E, M & Kinetic Thermal Wave. The disconnect of Kinetic Coupling of all 3 Forces is a result of the lower frequencies, stripping off, from shock. When the E, M & K/T wave separates the lower frequency, the remaining higher RF propagating Electrons carry the wave moment in a Mesosonic(Shear) Transport from the Shock Uncoupling of the Ion. The Ions Momenta halted at the MESOSONIC and Magnetoacoustic shock induced crash into the Mach Mall In Renormalizing a Shock or Nonlinear flow in Plasma, the 3 Wave Forces follow differing Fields and Planes at differing time rates and must be corrected to find the tiniest remaining period of Reflection of a Perturbation, to push against, with from your vehicles. You must know where the E & M are to Push with K/t. E,M and K/t hide in 26 SPACES and must Aling linearly to know when to bang your hammer, to smash a toothpick, with a sledgehammer.





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Jun 2025
Replying to @GreatSunnyDays @JakeHunter88 @brent_shavnore @AtlanticThoth @ZPEdisclosure @FlyaEther33 @DamonRiddle3 @exoslinger @RedPandaKoala @JeremyRysUFO @tupacabra @ChiefDinger
All Advanced High Tech and Antigravity science is found in today's textbooks. Nothing is hidden to the Learned Eye.
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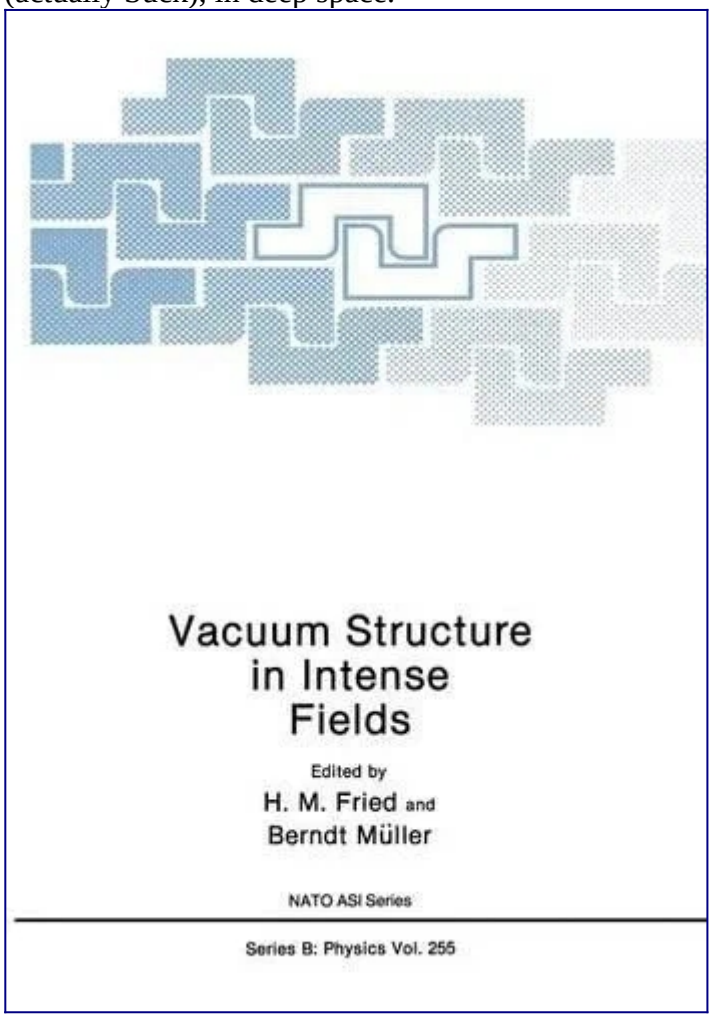
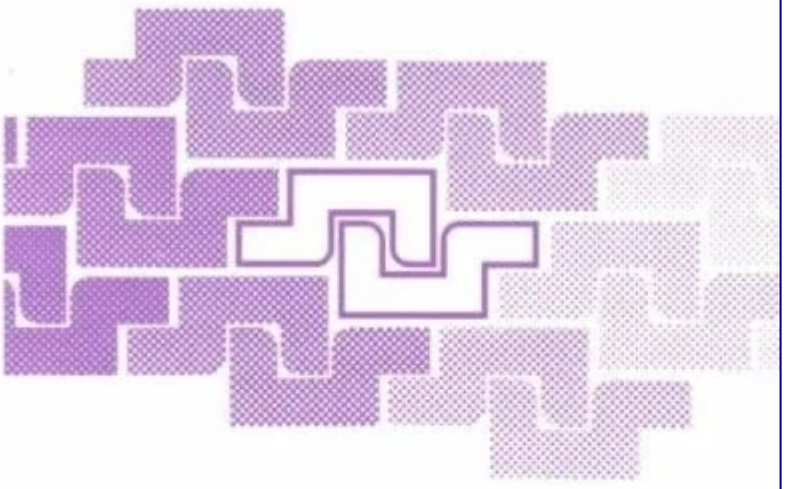
DOD/DOE antigravity Spacecraft Fill the Void of LOCAL nuclear scale SPACE with PINNED/TRAPPED ELECTRONS and IONS to generate a artificially denser PERMITIVITY of Free Space, relativistically/quantitatively, stiffening the PERMITIVITY (Elasticity of Media) of Free Space, allowing you to Pull (Suck yourself/spaceship) against the Structure of the Vacuum of Space. For Transport, a Combination of Spacecraft surface engineered interfacial materials, Ion Seed Gas, hydrocarbon Vapor, Mechanical Low frequency Oscillation, distort the spacecrafts Electrical and Ionic Concentric of Mass to Field geometry, to distort the surrounding artificial Plasma Vacuum bubble, forcing non-Concentric field geometry, in reference to center of Buoyancy

Field's Plasma's Mass of Trapped/Pinned Ionic Vacuum Bubble. Allowing you to Push Away (actually Suck), in deep space.





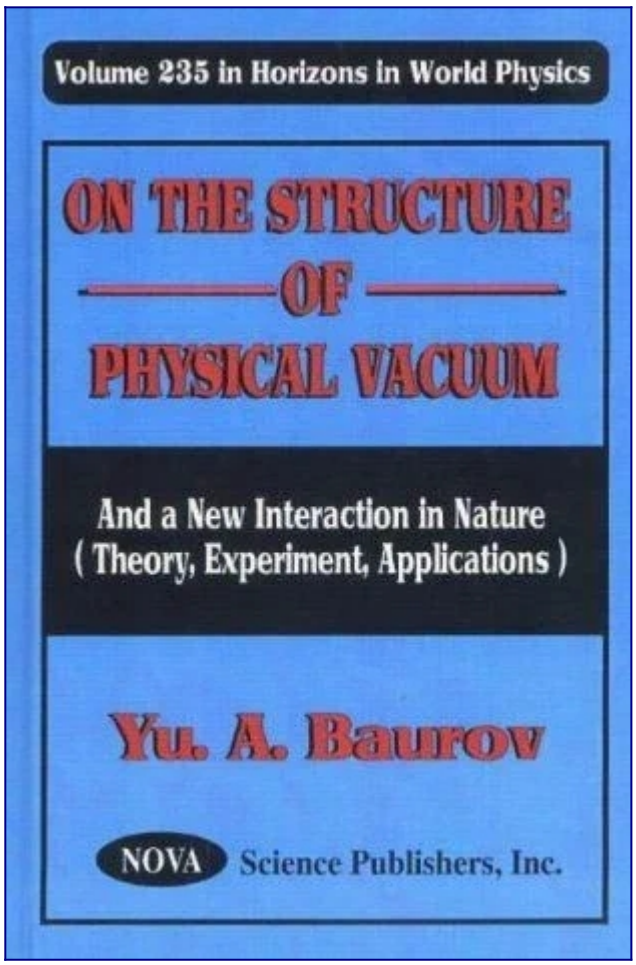
Lattice Fermions and Structure of the Vacuum

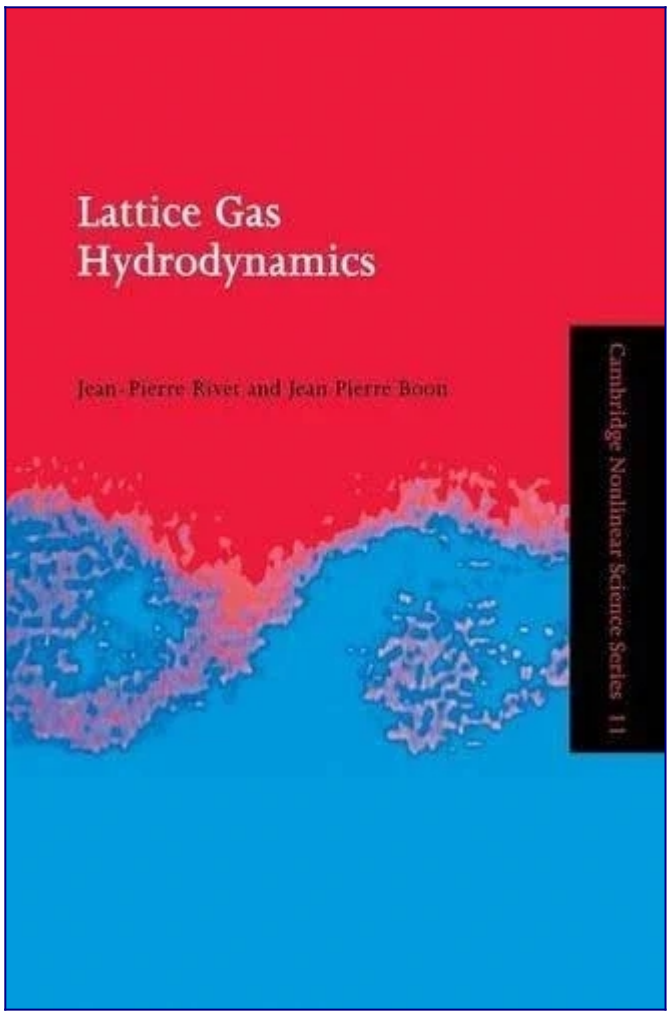
Edited by

V. Mitrjushkin and G. Schierholz

NATO Science Series

Series C: Mathematical and Physical Sciences – Vol. 553


Volume 235 in Horizons in World Physics
ON THE STRUCTURE OF PHYSICAL VACUUM
And a New Interaction in Nature
(Theory, Experiment, Applications)
Yu. A. Baurov
NOVA Science Publishers, Inc.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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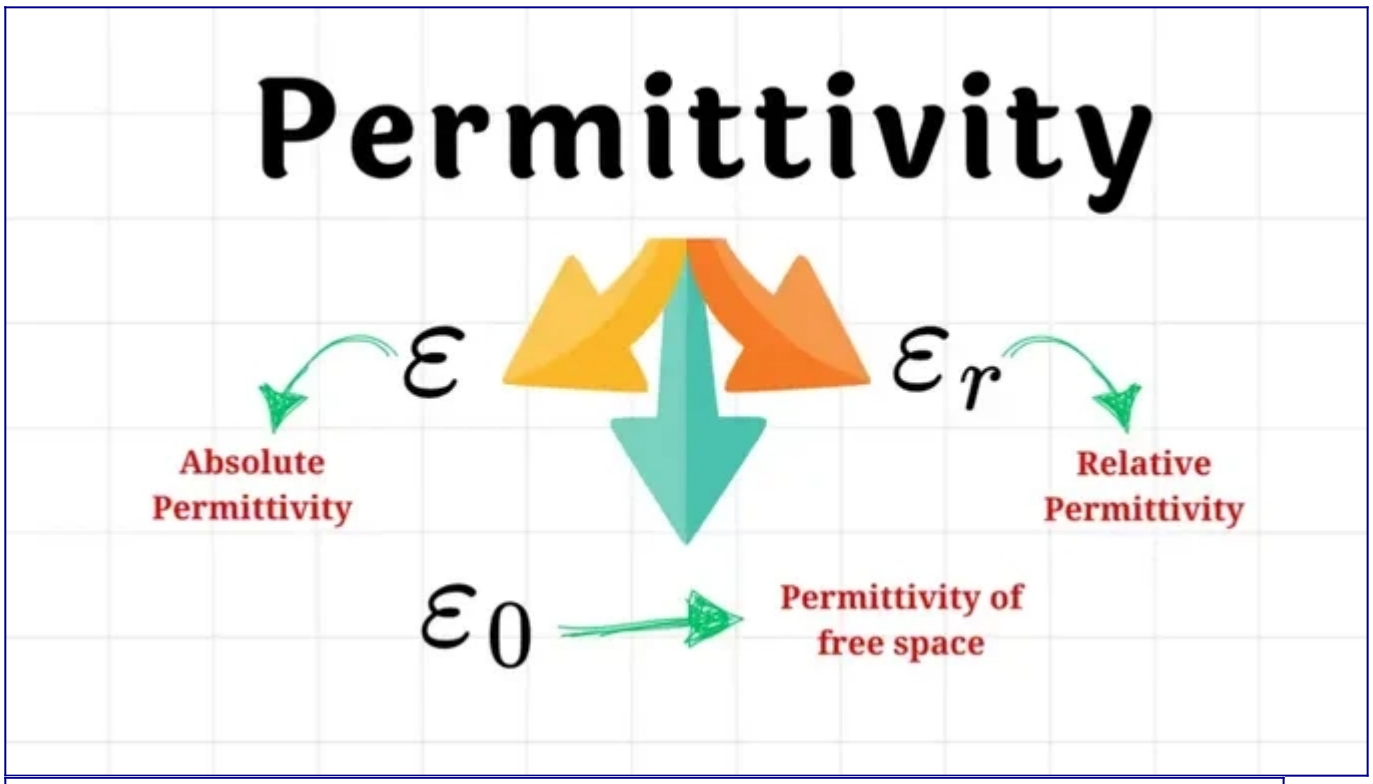
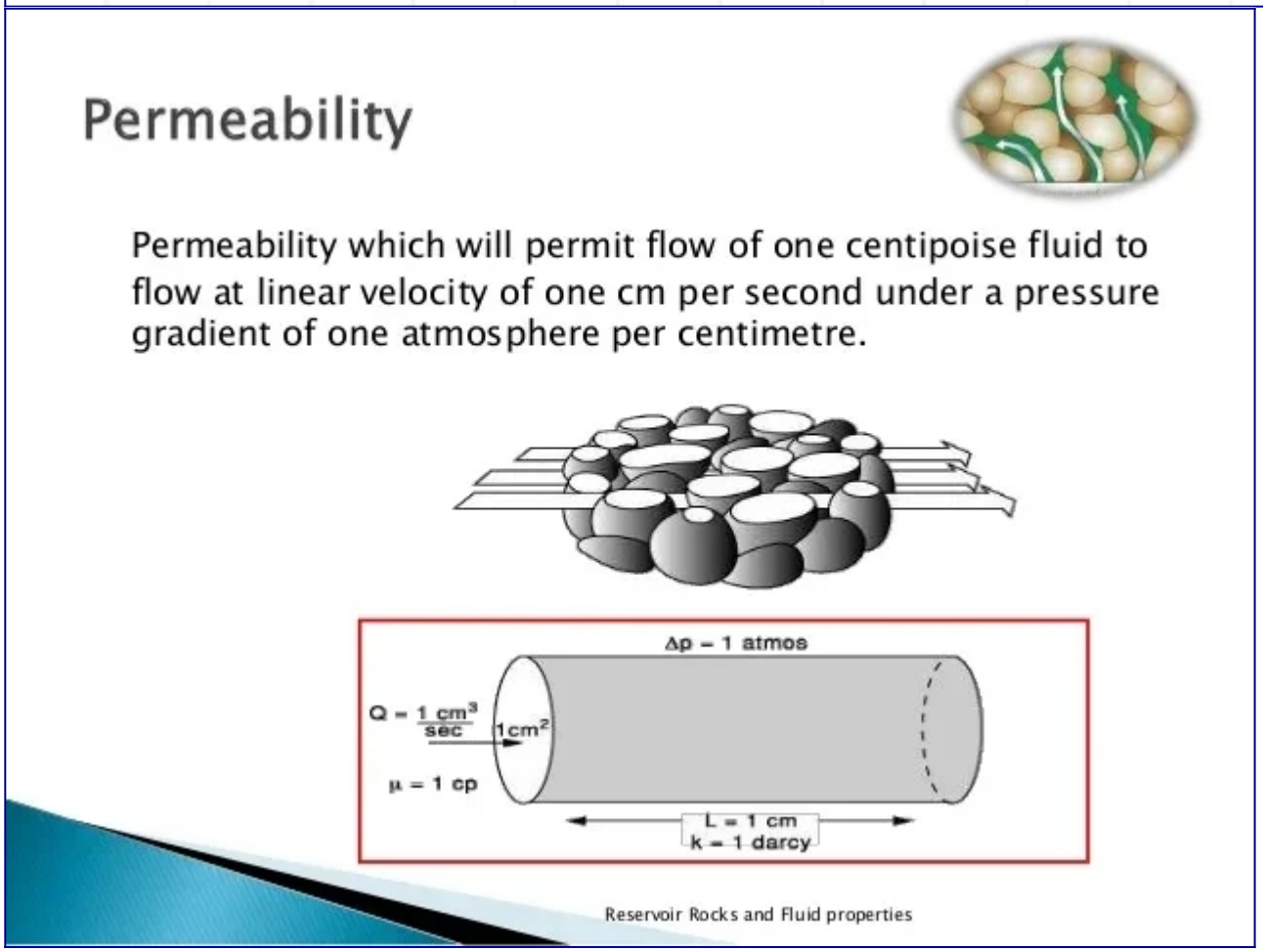
27 Jun 2025

At Higher Frequencies we refer to the DENSITY and ELASTICITY of the MEDIUM as PERMITIVITY (Density) and PERMEABILITY (Elasticity). So, for Lower SEISMIC, ACOUSTIC and MECHANICAL waves propagated in STD REF Sea Level Adiabatic Pressure, there is no FREE SPACE as Screening lengths are interlocked to the dense media field. At the Lower Frequencies, IONIC movement/OSCILLATIONS dominate the Transport process. At higher RF frequencies and lower media pressure, the ELECTRON Oscillations dominate Transport, in FIELD. So, to give a simpler explanation of characterizing PEMITIVITY and PERMEABILITY, of FREE SPACE (in Filled Free Space), at Higher Media Density (Pressure) and Lower (Seismic, Acoustic and Mechanical) Frequencies in characteristics of REFLECTION, REFRACTION and TRANSMITABILITY, the wording of DENSITY of FREE SPACE and ELASTICITY of FREE SPACE more correctly convey the lesson.





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Jun 2025

Replying to @GreatSunnyDays @JakeHunter88 @brent_shavnore @AtlanticThoth @ZPEdisclosure @FlyaEther33 @DamonRiddle3 @exoslinger @RedPandaKoala @JeremyRysUFO @tupacabra @ChiefDinger
Plasma Thrusters are Fake and Gay. Why not utilize the whole , VOLUMETRIC Electromagnetic Field. Use the Whole Field, not a Squirt.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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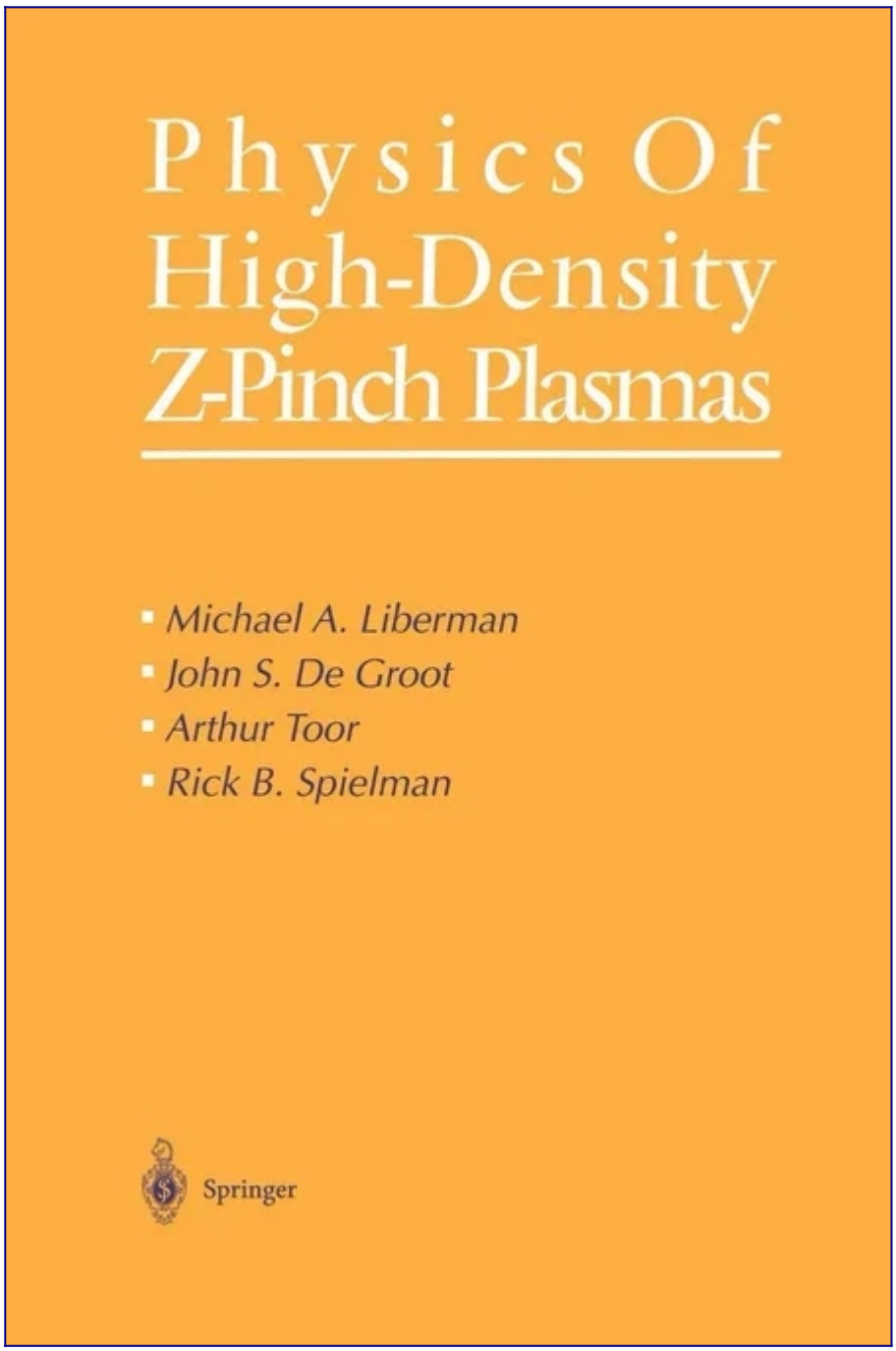
25 Jun 2025
Replying to @PaulSheppard_CO
Also Ponder the Reference of C being 1 Hertz in velocity relationship of travel. What does it represent. A Charge Refill Rate based on man's REFERENCE perception of occurrences of, Lights travel, precisely in 1 second? Statistics says 1 Hertz = λ of C. 1 Hertz λ length = 299,792,458 meters/ per second of Space Charging Rate. Speed of Light traveling speed 299,792,458 meters, in 1 second is 1 hertz of Wavelength. In Advanced Plasma Physics, there is no C. The Rules of C cannot apply due to NO Relation of Validity in Congruent Functions, due to differing Group Wave Velocity Rate changes of differing EMK media Propagation Characteristics, between the Electron Wave, Magnetic Wave and Kinetic/Thermal Axis of Propagations Diffusive Scale renormalization. The Time must be handled Discretely for Correction via Eikonal Media Wave Velocity. The nomenclature in PLASMA DYNAMICS for EMK MACRO to MESO to MICRO Scale Velocity Correction is called, EIKONAL CORRECTED DISCRETE ELECTRODYNAMICS for KINETIC MEDIA. Many of my AFRL whitepapers on this subject are in the declassification pipeline, from the early 90's. I have a unique Volumetric Nuclear Transport Model I saw in nature. The model shows how nature has the Electron Wave, Magnetic Wave and Kinetic/Thermal Wave Cojoined at a Gyroscopically constrained 90 degree to each other, representing natures RH Rule of Nuclear Transport. It should have been found back in the late 1920's. Not my rule, I saw it in nature. Molecule to Ion, Ion to Ion, Ion to Electron and Electron to Electron Forces have differing Media Ionization, Coulomb and Debye Screening length Damping/Eddy Current generating The Electron, Magnetic and Kinetic/Thermal Axis must have time handled independently and discretely, then Eikonally Corrected due to differing media Density relations of Velocity Damping. Details of the Cubical Volumetric Model are found in old post. ocw.mit.edu/courses/2-71-opt…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Jun 2025
Replying to @EdwardNeyhart @ashtonforbes @DanielWhiteson
Z Pinch is Election Compression, in Place, in LOCALITY.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Jun 2025
Replying to @AshtonForbes @ashtonforbes @DanielWhiteson
Correct term, since the 1980's, in Physics and Plasma Kinetics is Z Pinch.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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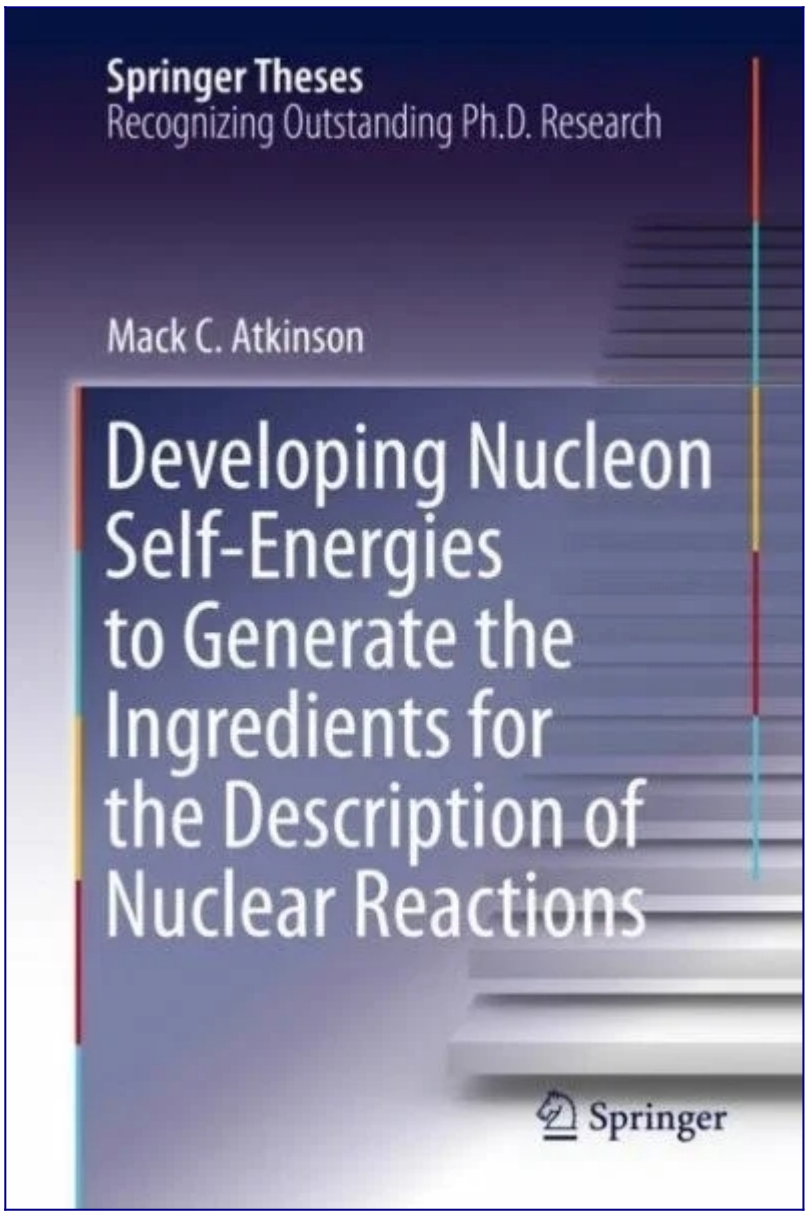
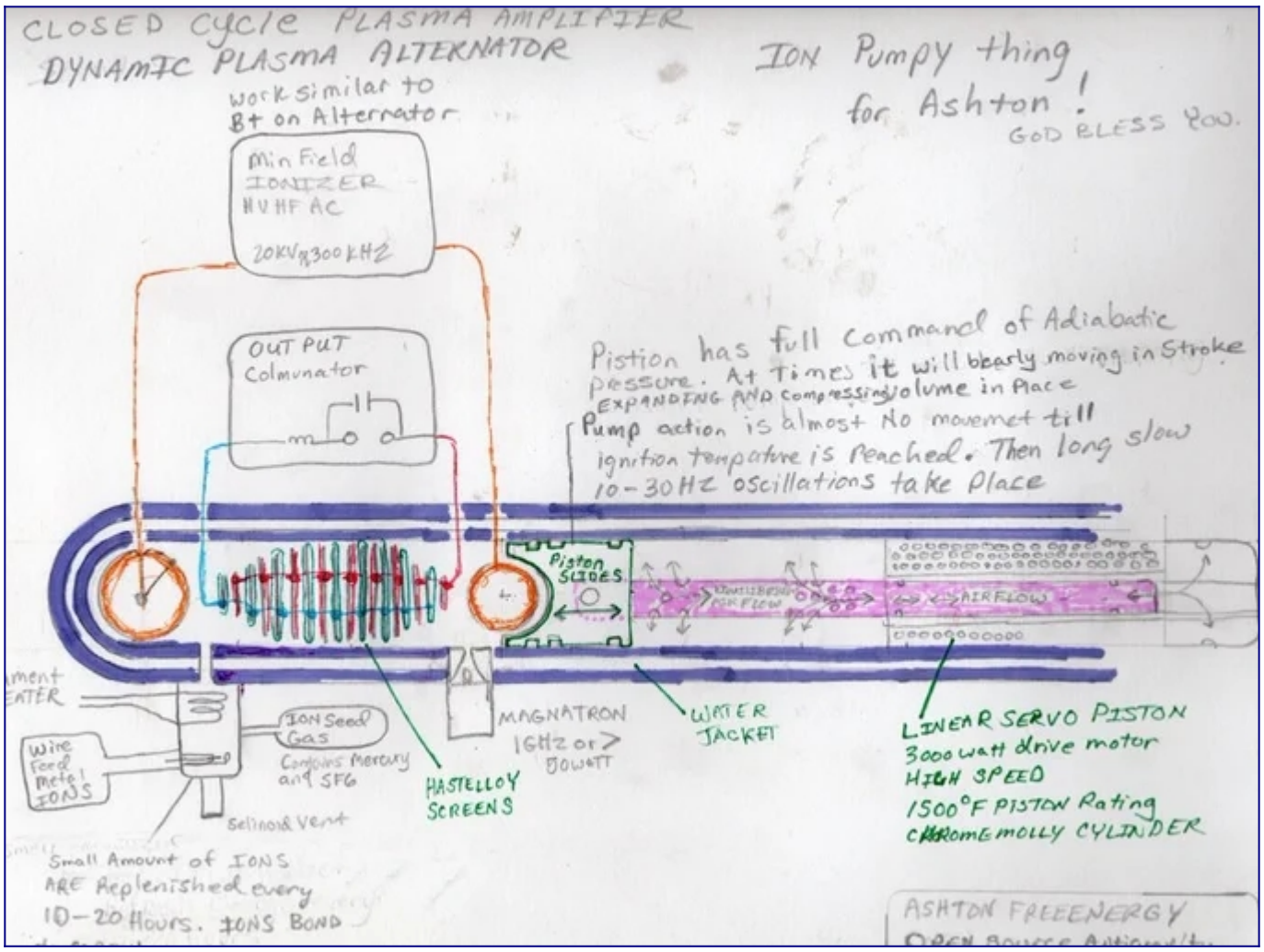
25 Jun 2025

Electricity can be cracked right out of it's 2D NUCLEAR Dimensional Lattice of Continua. For the cost of the device. Fracturing Electrons from the Electron's 2D Lattice of Continua is the only true CLEAN ENERGY. Fracturing Electrons is the Source of Electricity of the DOD/DOE Exo-Orbital Antigravity vehicles.


Springer Theses
Recognizing Outstanding Ph.D. Research
Mack C. Atkinson
Developing Nucleon Self-Energies to Generate the Ingredients for the Description of Nuclear Reactions
Springer



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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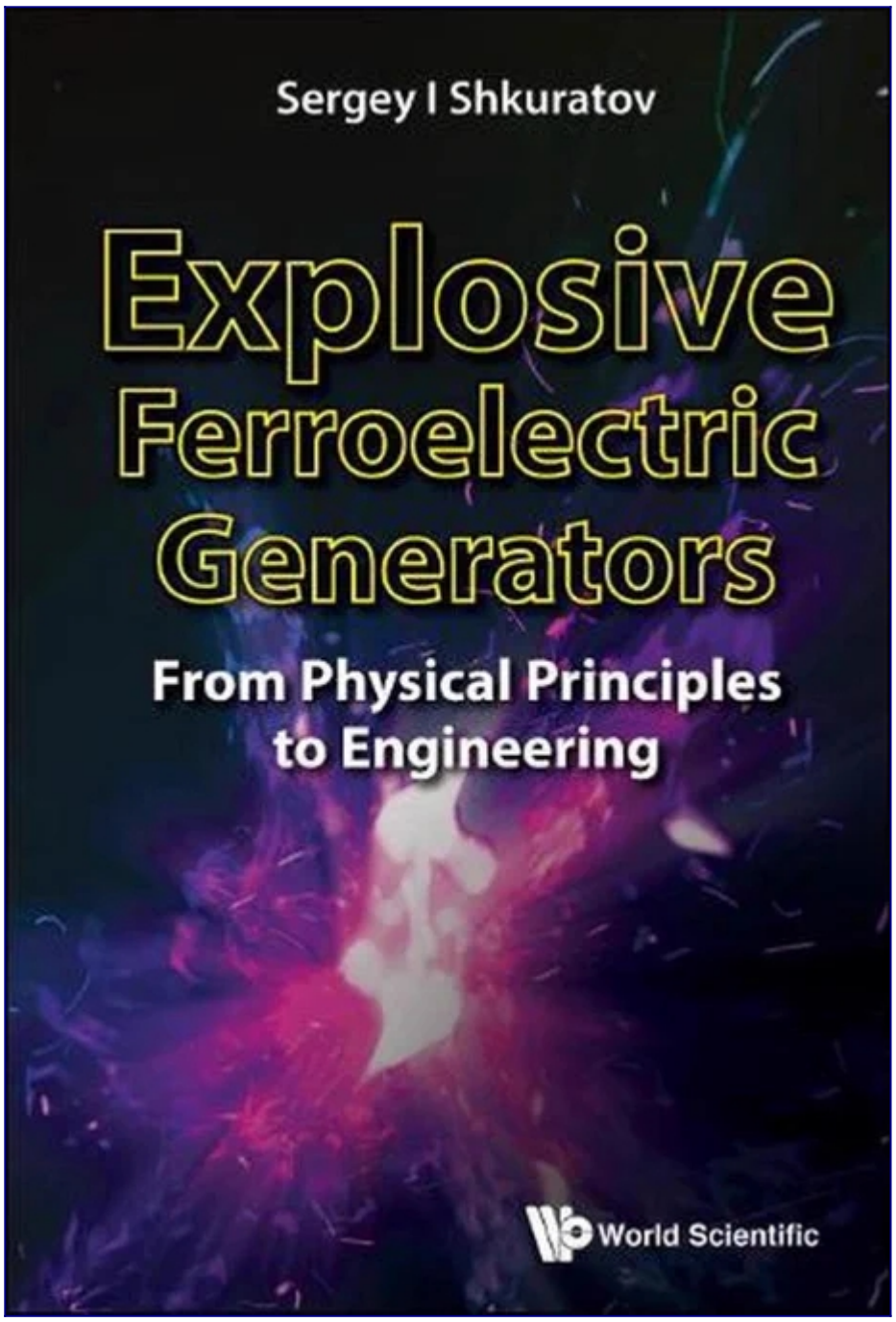
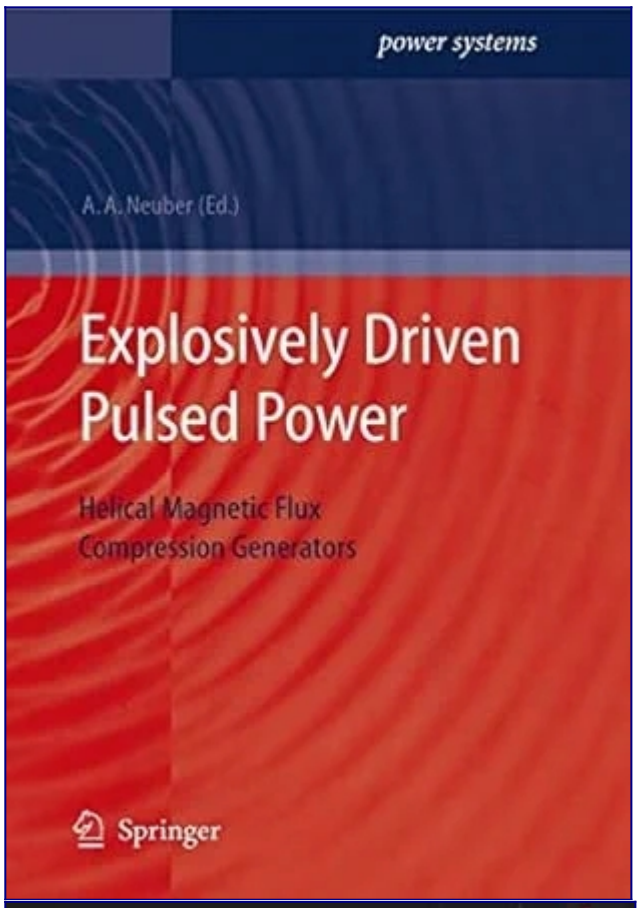
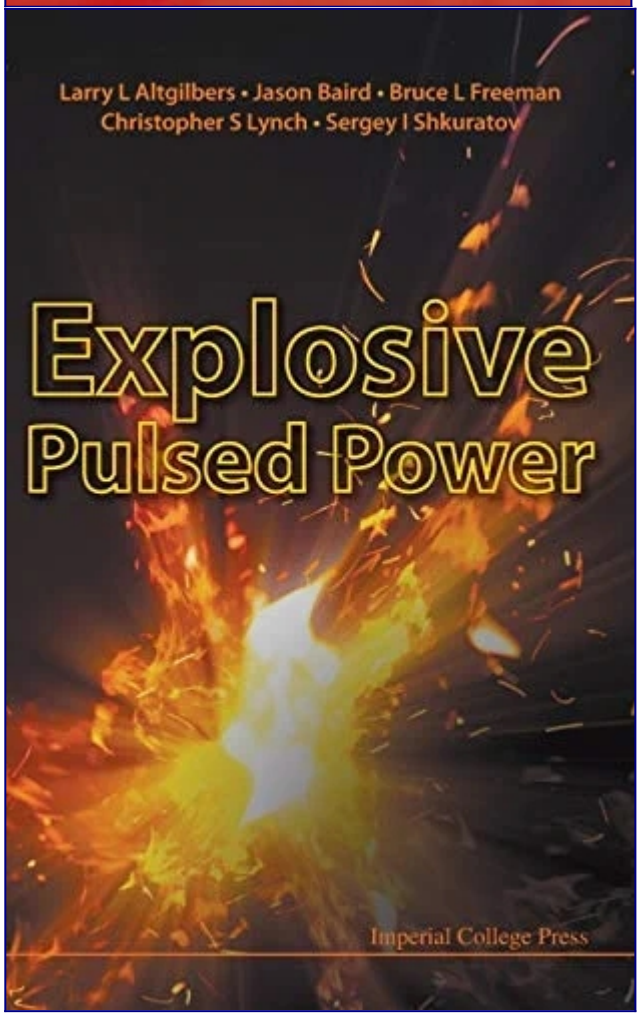
25 Jun 2025
Replying to @wavetossed @MagnetReconnect
There are many lost textbooks on this subject.


Sergey I Shkuratov
Explosive Ferroelectric Generators
From Physical Principles to Engineering
World Scientific





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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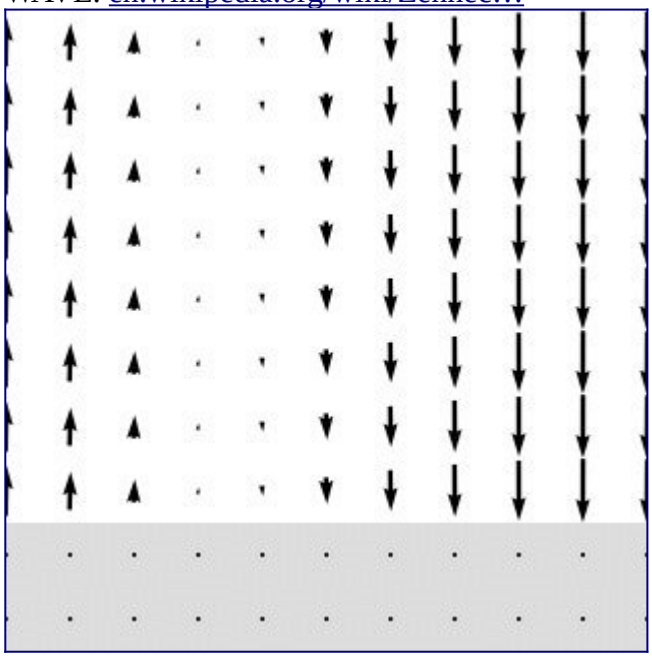
25 Jun 2025
Antigravity Engineers need to have full understanding of the ZENNECK WAVE, a INTERFACIAL WAVE. en.wikipedia.org/wiki/Zennec…



Zenneck wave - Wikipedia

en.wikipedia.org
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24 Jun 2025
Reference measurements of Hydrogen's Dielectric Permittivity. nist.gov/publications/refere…

Reference measurements of Hydrogen's Dielectric Permittivity

We used a quasi-spherical cavity resonator to measure the relative dielectric permittivity εr of H2 at frequencies from 2.4 GHz to 7.3 GHz

nist.gov
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24 Jun 2025
Physical Mechanisms Underpinning the Vacuum Permittivity. mdpi.com/2624-8174/5/1/14

Physical Mechanisms Underpinning the Vacuum Permittivity

The debate about the emptiness of space goes back to the prehistory of science and is epitomized by the Aristotelian ‘horror vacui’, which can be seen as the precursor of the ether, whose modern...

mdpi.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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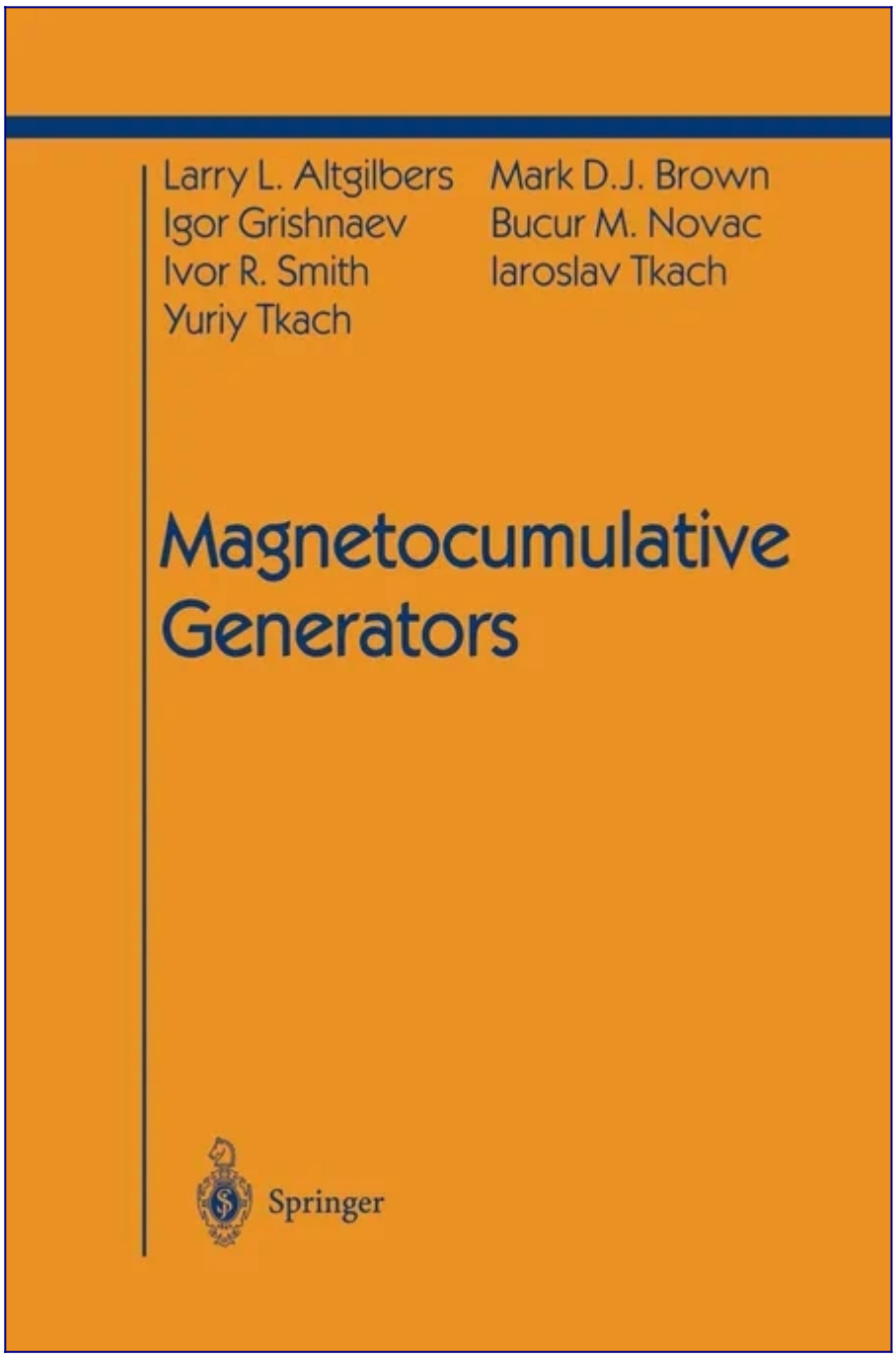
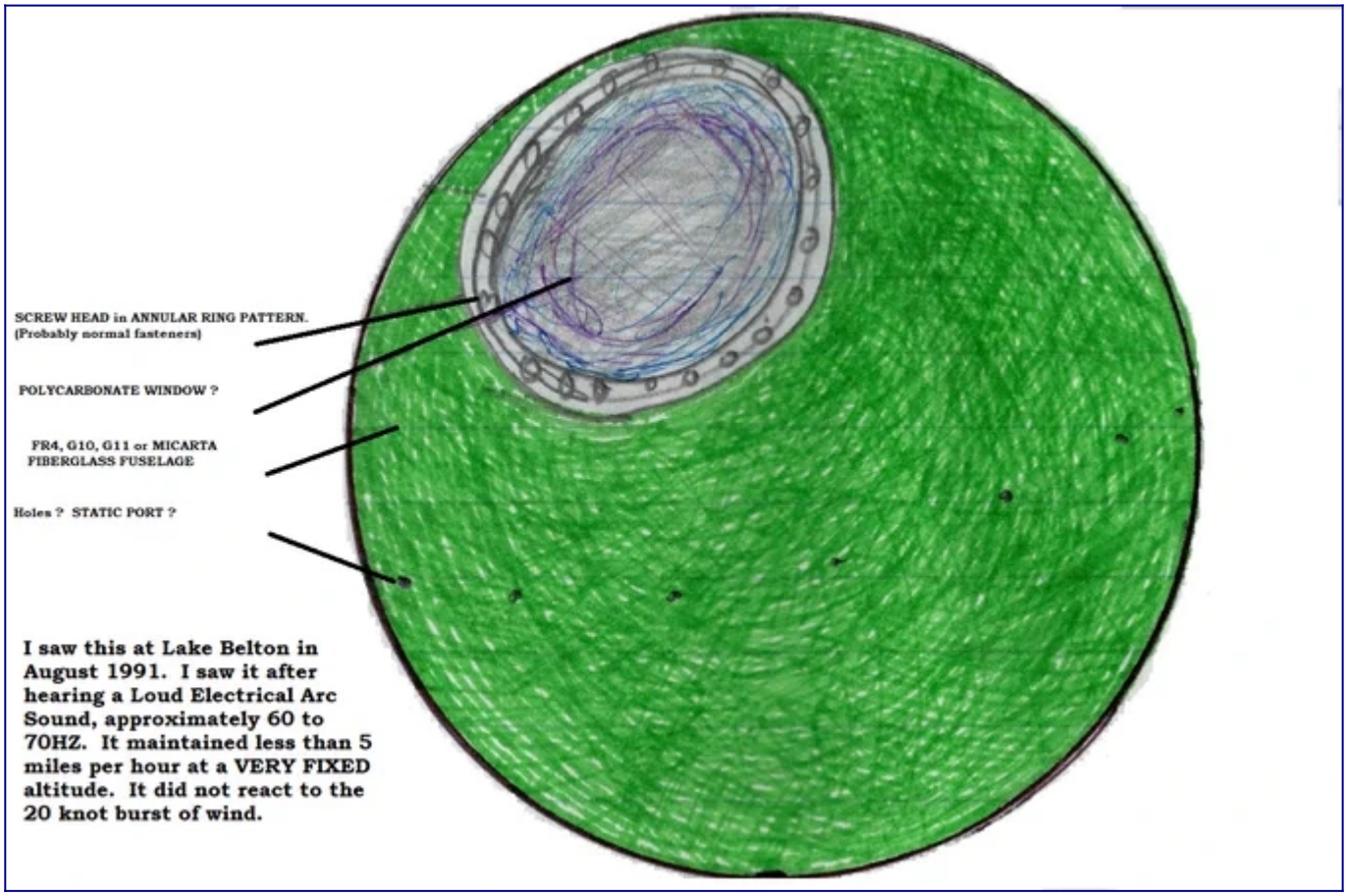
20 Jun 2025
Replying to @MagnetReconnect
All particles have One Vectored Direction of Momentum. That Parent Vector is acted upon by outside forces to deviate it's direction of travel. When an object is setting still, on Earth, in a high velocity Gravitational Gradient of Spherical shaped Field of Electrons, Funnel toward the middle of the earth. The Electrons want to become Neutered. In being Neutered, the Electrons gain the superpower, to pass through walls, aka Fast Tunnel. (Trans-Neutron) You are caught in the Rain of wetted Electrons flowing toward the Earth Nuclear engine. The Electron are Adhesively Sliding along, your Rigid Body, the Interfacial Gas Media to Solid Body Interfacial Nuclear Tensor Electrostatic Field. Where at the center of Earth hot nuclear engine, clumps of Electrons become Neutrons and Fly away, unresisted. The Center of the Earth Generated Heat, in the LOCAL SPACE. It is it textbooks to PULL Heat and ELECTRICITY out of the Electrons Lattice of Continua, without Fuel Input. Just Pound the same Ions, IN PLACE, until they Fracture.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
19 Jun 2025
Must Tunnel 17 miles down to Sea Level Pressure.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
19 Jun 2025
Replying to @Gt5Skier @darkjournalist
2 books books on those subjects. SOLID STATE PLASMA (1970)- M.F. Hoyaux ELECTRON WAVES in BOUNDED PLASMAS (1968)- Paul E. Vandenplas
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS

19 Jun 2025
Replying to @darkjournalist
The Calvine FUO was manufactured at the McGregor Texas RP-1 Plant, as a cover facility. Engineering was a joint consortium ran by DOD/DOE. Engineering on paper started about 1971. Construction began in Dallas as sub-system components. Engineers from Texas Instruments, E-Systems, General Dynamics and many other Texas based aerospace contractors. Fixtures for Assembly were built up in 1975. My brother-in-law worked for TI since the 1950's and had experience on one other Test Bed vehicle, circa 1963. My Brother-in-law was on the Navigation Attitude Heading and Reference Systems Engineering team for the Calvine UFO. He told me, the first flight of that 'poorly designed' model, was after 1976. He left that program in 1976 for a more secretive program, till his retirement 2012. In 1994 the fixturing was still anchored in the foundation at McGregor. SpaceX owns those facilities today.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Jun 2025
Replying to @yatharthmaan @spacesudoer @elonmusk
WRONG DIRECTION IN TECHNOLOGY. THIS WAS IN RESEARCH BACK IN 1991, by DOD/DOE at the McGregor Texas NASA RP-1 Plant. I followed it from Lake Belton Dam to McGregor Texas at about 5 miles per hour and as close as 80 feet. I was a Butter Bar USAF E.E. going to UT at the time. This grants me full personal experience authority to say, That was a Antigravity Vehicle utilizing conventional technology. It led to a 30+ year Carrer in those programs. Full FLOATY Technology. In 1991. I



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Jun 2025

There is such a thing as HYDROGEN LATTICE of CONTINUA. The Lattice is the structure found in nature. Even if you pull a vacuum in a High Strength Vacuum chamber, lower than found in deep space. Hydrogen and helium ions will 'Tunnel' through the wall of the container. Nature abhors a Vacuum. The hotter the container walls, the faster the Electrons and smaller dimensional Ions tunnel time. Using Ultrasonics with Piezo Elements and a wide Ultrasonic Bandwidth resonance mounted to the Vacuum Chamber structure, also increases "Small Dimensional Ions and Electrons Tunnel Velocity by creating a Mesosonic Coupling between Ions and Electrons. Keeping them always in extra motion. ui.adsabs.harvard.edu/abs/19…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

11 Jun 2025

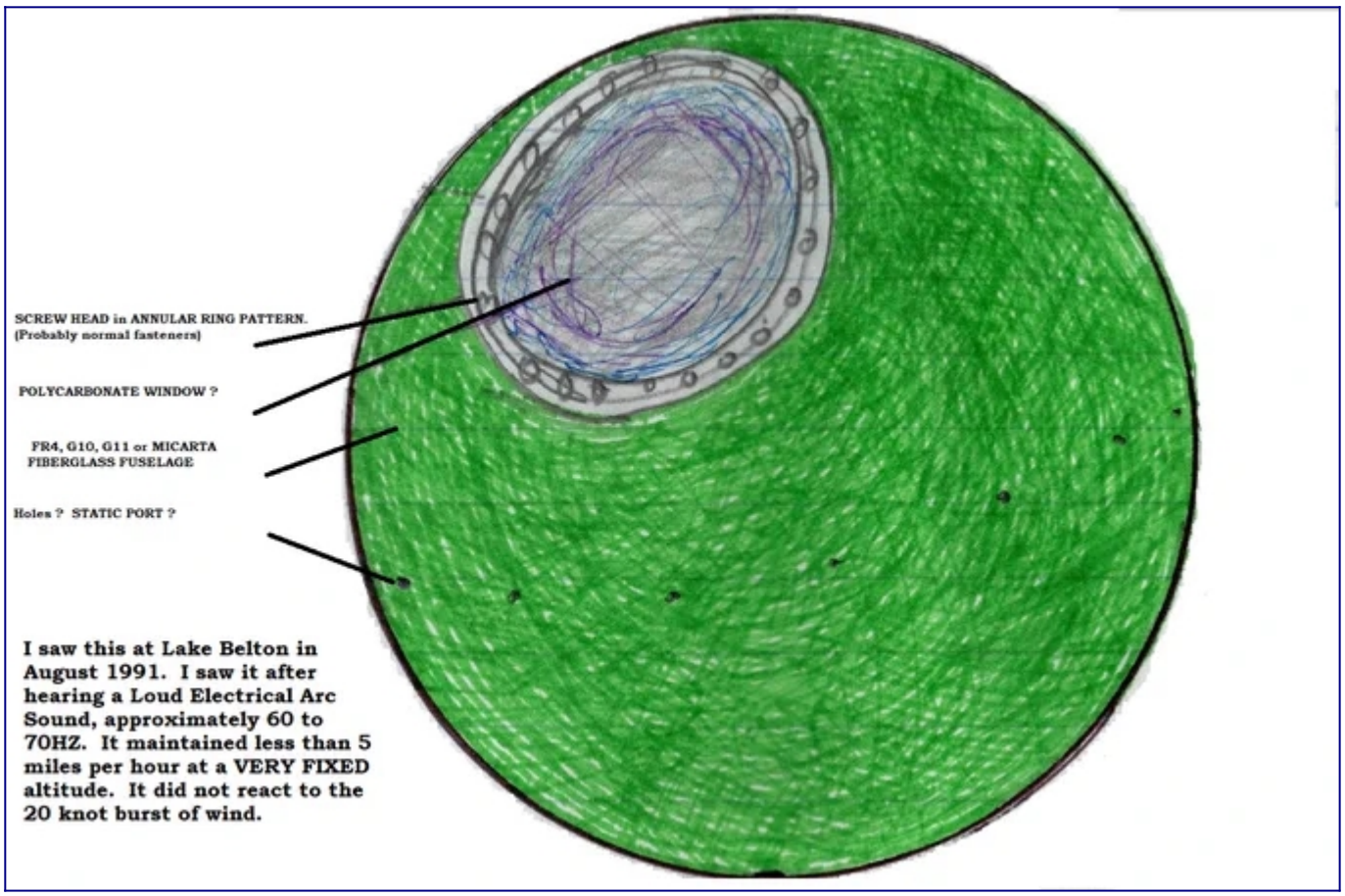
Gravitation is found at the LOCAL MEDIA INTERFACE, only. Gravitation is a LOCAL, NUCLEAR FORCE. Conceptual 'LIFT' conveys misconception. Buoyancy relations in ADIABATIC MEDIA better represents the ELECTRODYNAMICS elements in PLASMA Kinetics.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

11 Jun 2025

The Applications and Methods I have experience with, over the past 40 years, are not found in Academia yet. I see no internet information on STANDING ADIABATIC PLASMA VACUUM application. We can start with this. I saw this at very close range and for a very long period of time, Floating and slowly moving forward, back in 1991. I discerned, It was having operational issues. I followed it home to the NASA RP1 Plant in McGregor Texas. (Which SpaceX owns today.) I was a jr. USAF Butter Bar E.E. , having previously been a C-130 Crew Chief for 7 years. Question to you, HOW do you think this thing Floated? It has a rancid dangerous level of Ozone from 80 feet away. It had a sound that I believe was a Electrical Short, causing some sub-system to be Unserviceable, causing the very slow flight.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jun 2025

DOD/DOE antigravity vehicles use PLASMA in a CONTRACTIVE NUCLEAR Application, not REACTIVE ENGINE STYLE. And ION Thrusters are Fake and Gay. It is outside the general knowledge pool, in Academia, to comprehend NUCLEAR DIMENSIONAL CONTRACTION. DOD/DOE antigravity vehicle suck themselves along the direction of desired vector of travel. These vehicles generate localized, electrified, Low Pressure zones on the Fuselage, with a Low Frequency, Hugh Voltage, Ultra High-Speed Oscillatory Avalanche discharge. The fuselage has pressure domains lower than found in Deep Space, sustained with a complex Feedback and control Plasma Buoyancy Command and Control System. Hydrocarbon and Cesium, Thorium, Bismuth and SF6 Ion Seed Gas assist in Plasma Density & Stability. DOD/DOE antigravity vehicles utilize standing Wave/Wake Plasma Vacuum Bubbles to adiabatically cling to the Fuselage of the spacecraft. These vehicles exploit Natures abjuration for vacuua by generating Plasma based Nuclear Dimensional Contractive Forces, not Nuclear Reactive, Expansive forces. Removing the energy in your path, causing Nature to SUCK YOU ALONG at any Speed. It is a common belief among ARM CHAIR Physicist, that you cannot go faster than the Speed of Light. It high level Physics it is taught in all textbooks since the 1950s, that HYDROGEN IONIC Debye Screening Length inductively suppresses the Free Propagating speed of the Electron, via Reduction by lower Permittivity. by H+ IONs, occupying statistical space near the Nuclear Dimensional LOCALITY of the ELECTRON, via the UNIVERSAL COSMIC THERMAL BACKGROUND. So, PLASMA Best Engineering Practices is to use PLASMA to LOWER PRESSURE in your Path, electrically.

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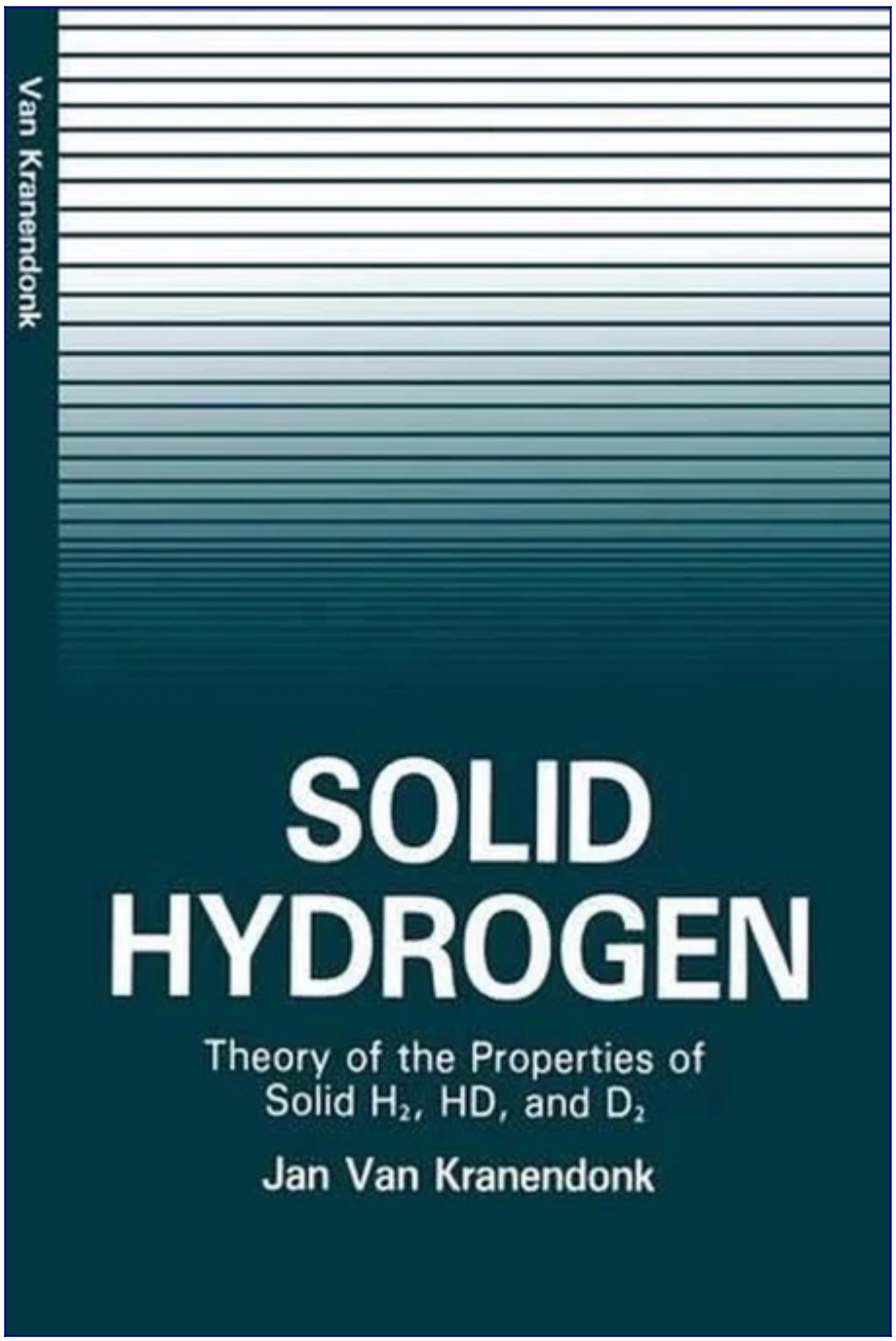
11 Jun 2025
Replying to @ChiefDinger
Difference between the Hummingbirds and convention Bird Flight characteristics.... When a "Gliding" bird flaps it's wings, there is a long slow duration RENORMAILIZATION of the Trailing Edge Wakes, back to linear stable even density. The Hummingbird is very efficient, it doesn't waste the Wake, not allowing full Dissipation of the Wake, before the next rapid wing pass. Hummingbirds' Hover by pushing a Wave against the Wake of their own Wing Flap, unlike other birds. Each Flap of the wing effectively charges the Reflection with Kinetic Pressure, increasing the Density of air at the INTERFACIAL TRALING EDGE. While Mr. Hummingbird, balances on top of the WAVE to WAKE Equilibrium. Making it's own Soliton KINETIC STANDING WAVE/WAKE.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jun 2025
Replying to @TheRealVerbz @ashtonforbes
I consider Solar Focal Objects, STATISTICAL MESOSCOPIC PERIODIC NODES, in the HYDROGEN LATTICE of CONTINUA.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jun 2025
Replying to @ousiaenergia @wavetossed
The Universal Cosmic Thermal Background has a Kinetic Moment due to the Thermal Noise Level being substantially greater than Absolute Zero. Everything in the Universe is moving. Nothing in the "Whole of the Universe" is Not Moving.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jun 2025
Experiments That Redefine the Rules of Gravity, with Sky Darmos. youtu.be/watch?v=kyLro5wj…

New Gravity Redefining Experiments (ft. Sky Darmos)

Support this content and my research by becoming a channel member or subscribing to my Substack, for early access and exclusive content.https://rupertsheldra...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jun 2025
Replying to @MagnetReconnect @ashtonforbes
I must add, There are mountains of Unique Textbooks and Monographs whose titles are nowhere to be found on the Internet.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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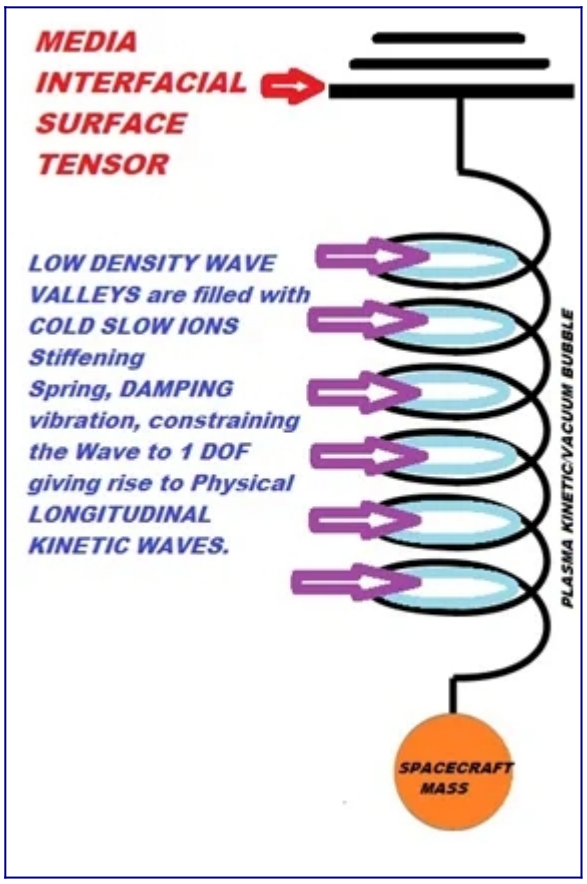
6 Jun 2025
Inductive Levitation is same Principal as Ion Trap. Magnetic Entanglement of the Ion to Electron Magnetic Axial Coupling by FILLING the PERMITIVITY of FREE SPACE, Stiffing to Universal Cosmic Background. Inductive Levitation Fills the Permittivity with Electrons.
youtu.be/shorts/Da5Zr7FDF…



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6 Jun 2025
Same Principal as ION Traps, but Static D.C. FIELD. D.C. Field has no Oscillatory Field. A.C. Oscillatory Fields allow Balancing Bias. youtu.be/shorts/Da5Zr7FDF…
youtu.be/shorts/oEF_NZmQF…

Huge Magnet VS Copper Tube #experiment #physics #science

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youtube.com
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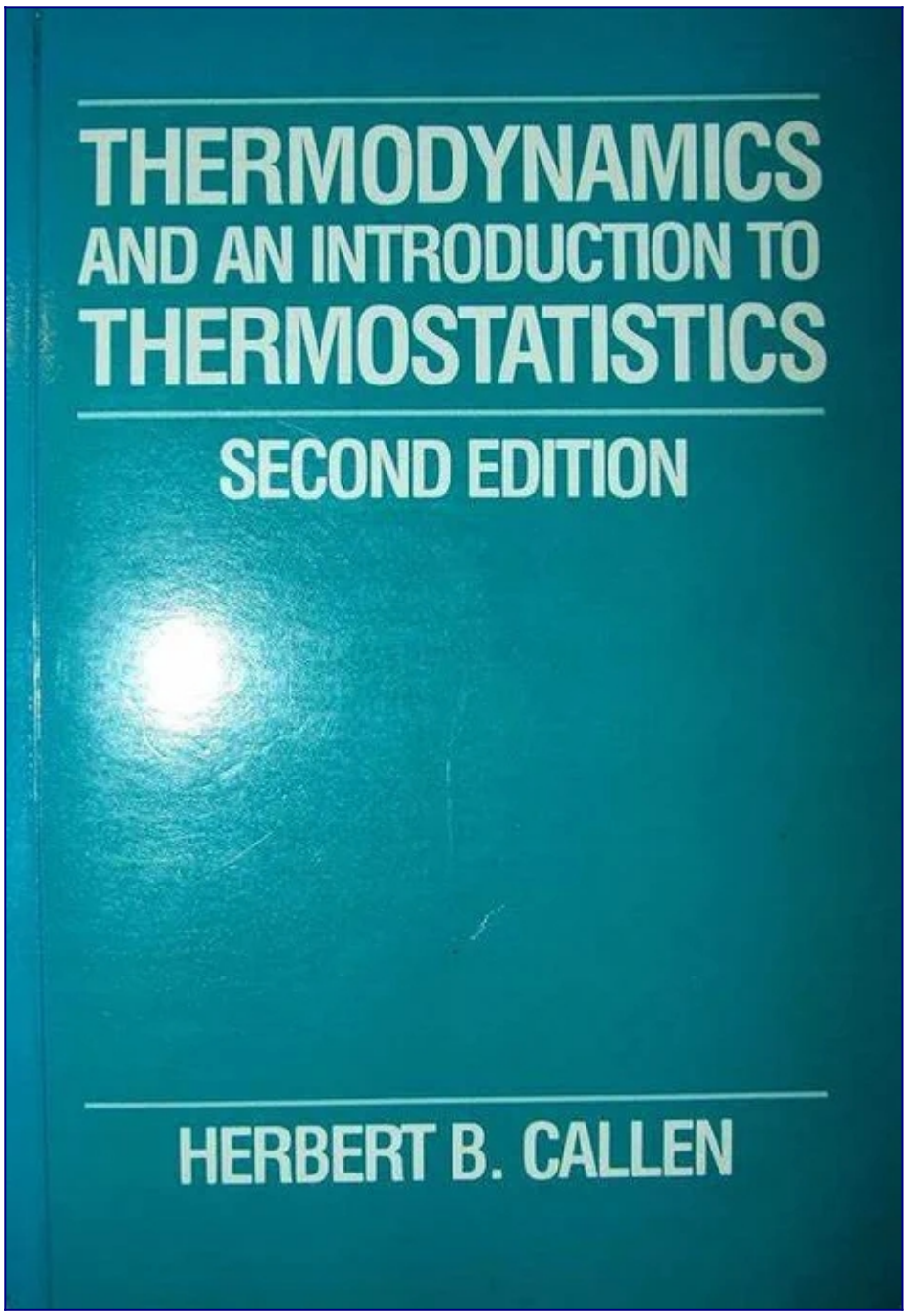
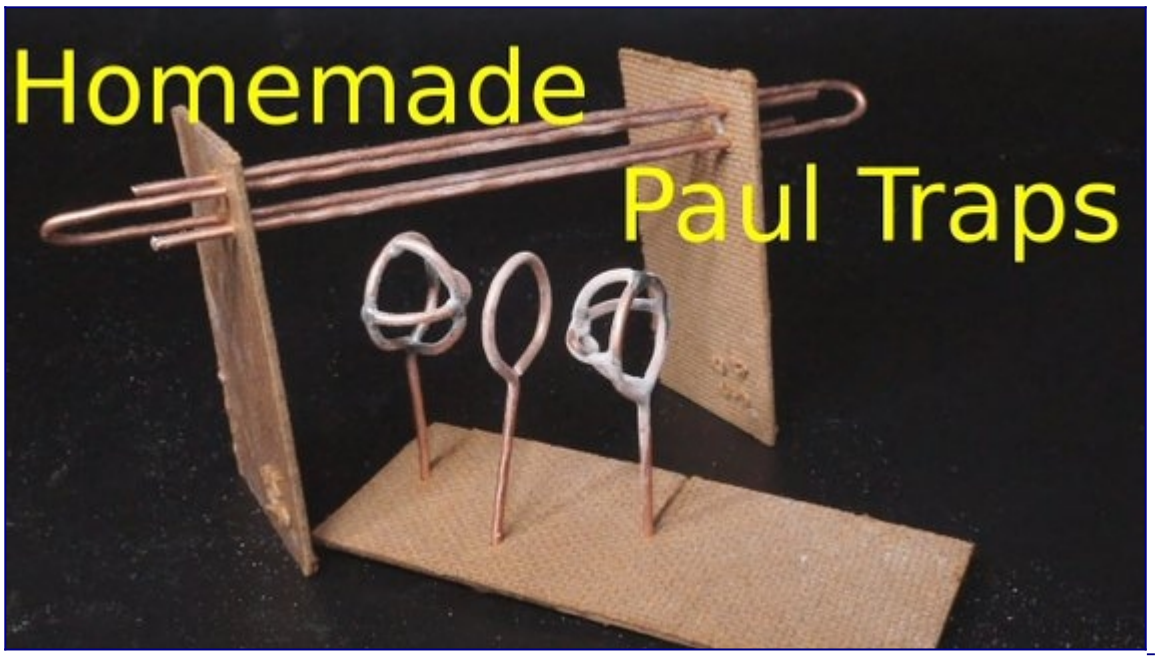
6 Jun 2025
More ION TRAP Stuff. youtu.be/watch?v=tT9e_Qrr…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jun 2025

Replying to @ChiefDinger @OmanTheHuman1 @Enigma0UFOs @lynssss3125 @quantumheat
That teaching model does not reflect the integrated Complex Multi-Cell- Multi-Layer redundant Fuselage construction of the Real World antigravity vehicles. All Heat is fed via Thermodynamic Electrostatic thermal junctions to the outer most cavity The Outer most Hull is your Heat Reservoir, where heat aids in outward tunneling of "Free and Lightly bonded" ELECTRONS. These mobile carrier TUNNEL RAT ELECTRONS are drawn (also SIPHONED) toward the Laminar Oscillating wave moving along the surface, back and forth, where they establish Hand to Hand Coupling with the IONs Oscillating along the shaft of the spacecraft's rigid body. Then, when the IONS are done and the Electrons are all Hot and Heating up from collisions with each other, resulting in Localized Electron Scale Thermal radiation in the ELECTRONS 2D Lattice of Continua. When the Electrons heat up, within the Plasmosphere, they run to the farthest reaches of the lowest pressure of the Plasma Bubble and as far away from the IONs as temperature allows. The Electron seek a THERMOSTATIC EQUALIBRIUM to find their place within the ELECTRONS LATTICE, during renormalization. The Ion prefer to stay trapped and penned near the PLASMA ENERGY SOURCE, where the Electrons prefer a Vector outward, Divergence, and the ION stay Static in Transport because they are Fat and Slow, unlike the tiny ELECTRON.



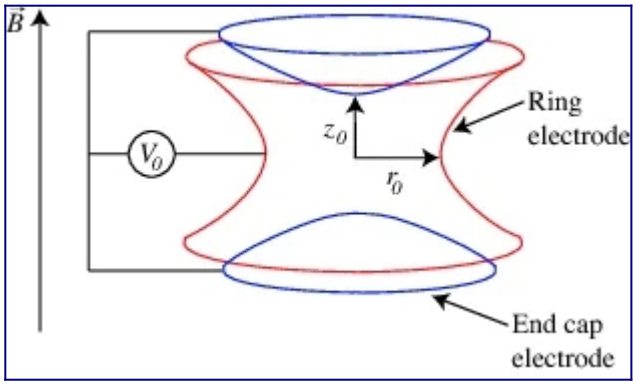
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jun 2025
Homemade Paul Trap. youtu.be/watch?v=u_OlVz95…

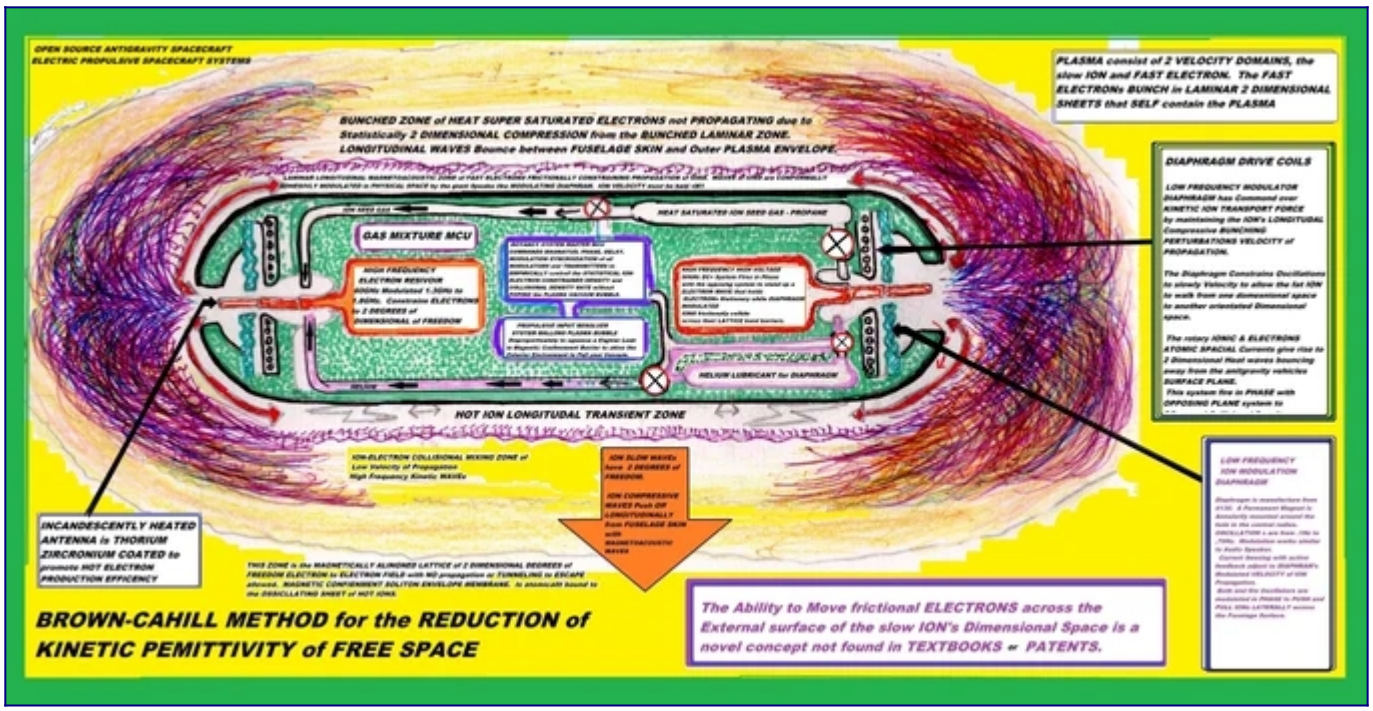


Homemade Paul Trap

https://www.google.ca/patents/US2939952https://en.wikipedia.org/wiki/Quadrupole_ion_traphttps://en.wikipedia.org/wiki/Earnshaw's_theorem

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jun 2025
Replying to @ChiefDinger @OmanTheHuman1 @Enigma0UFOs @lynssss3125 @quantumheat
CUSP at Mid Point acts as ION Trap to Cling Ions to Antigravity vehicles surface.





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jun 2025

Replying to @ChiefDinger @OmanTheHuman1 @Enigma0UFOs @lynssss3125 @quantumheat
Well done. A Random Walk over to Debye Screening Length of the ION increases distance as Adiabatic Pressure lowers. In Deep Space, IONS reach is in the HUNDREDS of MILES of Screening length for Helium Nuclei and Thousands of Miles for Hydrogen Nuclei. You model that as a Empirical Continua, as they have LOCAL INTERFACIAL to ELECTRON characteristics found everywhere in the Universe.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Jun 2025

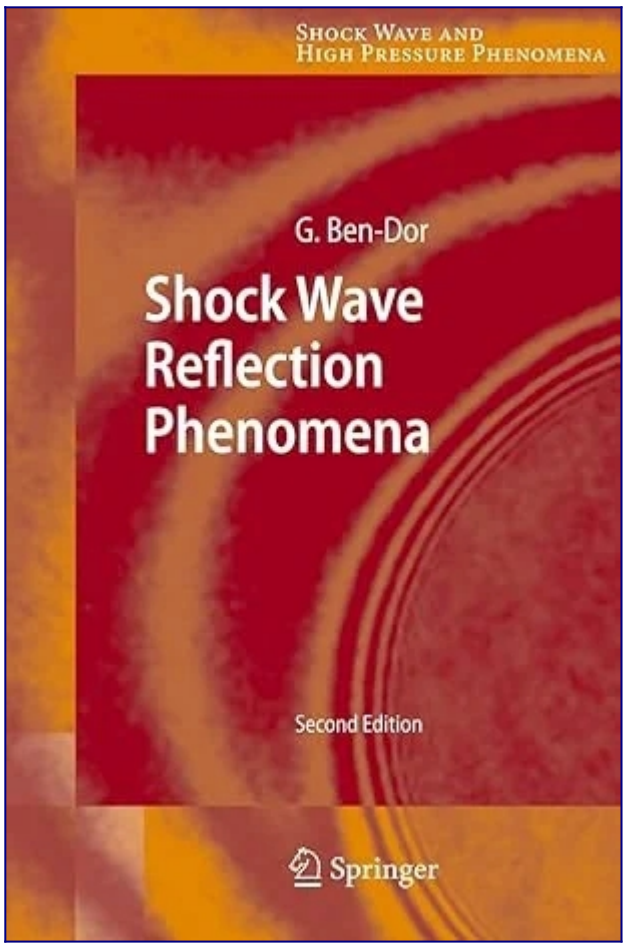
Replying to @ChiefDinger @OmanTheHuman1 @Enigma0UFOs @lynssss3125 @quantumheat
Keep in consideration, 2nd Order Kinetic Energy is derived from Collisions of Primary IONIC waves colliding with REFLECTED WAVES . There is some differing terminology across differing FIELDS and Study and Nomenclature rolls over every 15 years. In Astrophysics and Magnetospheric Physics we term the Kinetic Waves physically leaking from a SOLITON Plasma Domain, a WHISTLER. Whistlers Electron Velocity and temperature are high and IONIC Temperature is moderate to low, while IONIC VELOCITY is Transonic to Subsonic when corrected for Exothermic and Adiabatic Media corrections. A Stable Plasma has Low Ionic Temperature, maintaining Coupling to the EM Field of the Electron's wave. The Electron Temperature can go extremely high due to inhibition of Field dissipation due to the SOLITON MAGNETIC DOMAIN. This is called SELF ORGINIZATION. If that makes sense. Test Question: How do you PHYSICALLY push back against 'Nothing' in DEEP SPACE?

Arturo Ortiz-Tapia

Self-Organized Structures in Z-Pinch Plasmas

Exploration of the stabilizing factors for plasma structures in Z-pinch electric discharges

LAP LAMBERT Academic Publishing



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Jun 2025
Replying to @OlivierRoggevn @lynssss3125
I must point out, your knowledge Experience is from Reactionary Expansive Nuclear Forces and have opposing characteristics in relational forces. I speak of NUCLEAR CONTRACTIVE TRANSPORT. DOD/DOE antigravity spacecraft, remove energy in it's path by PHYSICAL ELECTROSTATIC WIDE FIELD Ion Seed Gas with Hydrocarbon Ionization fuel to generate a SUCTION of the Electrons on the surface laminar flow zone of the vehicle.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jun 2025
Replying to @OmanTheHuman1 @Enigma0UFOs @lynssss3125
DOD/DOE Antigravity Spacecraft utilize a Spacecraft Fuselage that acts as a High Voltage Semiconductor to generate an Oscillatory Standing Plasma Vacuum Bubble via Detonating Shockwaves holding the pressure wave in a Wave to Wake Oscillatory Negatively charged Plasma Field. The Vehicle is weightless when the Buoyancy System is energized and the vehicles floating due to being Frictionless and weightless from the surrounding Plasma Bubble's Hot Electrons in it's SELF ORGANIZED SPHERICAL Soliton, Magnetosheath. These vehicles utilize the Plasma Vacuum Bubble's Field to Lower the surrounding media's adiabatic Adhesion (where Gravitation occurs. (PERMITIVITY of FREE SPACE.) Gravitation occurs at the Media Interface ONLY, Not some magic force far away. Gravitation is Pull by the Local Adiabatic Adhesion Vector. DOD/DOE antigravity vehicles remove energy in it's PATH of Vectored Transport via the Massive Negative

Plasma Field's Ion Seed Gas to Lube up the Vacuum of Space. These vehicles generate Adiabatic and Exothermic Media Interfacial Pressure Lower than found in Deep Space, on the Fuselage Skin, in a Laminar Oscillatory Ion to Electron Collisional Process, built into the fuselage's construction with Plasma Thermal Spray coatings on Nanometer thickness. Vectored Direction is achieved by altering Mass Concentricy to center of Plasma Bubble.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Jun 2025
Replying to @OmanTheHuman1 @Enigma0UFOs @lynssss3125
A King Air Expends 20 to 30 Megawatts for a full duration of flight, dependent on Altitude and wind direction.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jun 2025
Replying to @OmanTheHuman1 @Enigma0UFOs @lynssss3125
1 GALLON of GASOLINE, IONIZED at 3 Differing Velocities

Timeframe	Duration (s)	Energy (J)	Power (W)
1 Picosecond	10^{-12}	1.26419×10^{8}	1.26419×10^{20}
1 Microsecond	10^{-6}	1.26419×10^{8}	1.26419×10^{14}
1 Millisecond	10^{-3}	1.26419×10^{8}	1.26419×10^{11}

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Jun 2025
Replying to @Enigma0UFOs @lynssss3125
Repeat to yourself, You are weightless, within the vehicle, when the vehicles Buoyancy System's Standing Plasma Vacuum Bubble Wave/Wake is energized and stable. You can make 90 degree turns at thousands of miles per hour, because your vehicle is in a weightless bubble.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jun 2025
Replying to @64Shards @lynssss3125
Yes, Continua Mechanics teaches us so. Model as Lattice Continua for full comprehension.
Load more
Load newest
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jun 2025
Replying to @lynssss3125
Talking to Big Names. Mars will be a Hour Commute by 2030. I am a Humble man.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 May 2025

This clone only understands NUCLEAR EXPANSION but doesn't understand NUCLEAR CONTRACTION. youtu.be/shorts/EnuH-pMNC…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 May 2025
Replying to @_Star_Tron @ChiefDinger @MagnetReconnect
Scavenge Idling circuit is used similar to Tungsten wire heater in vacuum tube to free up Work Function(K). Thermal Ionic Heater. Scavenge circuit's current is Amperage additive only, taken from the greatest peak velocity of compression pulse. Seed Gas works similar to electrolyte and screen assembly is collector of spaced currents. Bust be hot enough to full ionize cesium and bismuth. Pumping forces downward nuclear, "IN PLACE" compression. Nuclear scale inhibits Thermal Flow toward the Micro and Sub-micron (Fractional Electron) Nuclear scale. Thermal flow only favors Spherical + Gravitational (Orthographic expansion, (outward of sphere). It is difficult to cramb expanding thermal energy back into the 2 Degrees of Freedom Lattice, from which is it expanding out of. There are 2 Thermal Energy Transport Forces at play. Nuclear Dimensional Expansions and Contractions of Dimensional Kinetic Planes of Continuum in Electric, magnetic and Kinetic Transport of force. The voltage is a value of many subcomponents.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 May 2025
Replying to @_Star_Tron @MagnetReconnect
Must use High Voltage Idle current to scavenge Electricity to follow path out of Pump thing compressional path. Idling a H.F. Low amperage trickle charge on the surface of conductor, renders a lower surface resistance. Compression in In PLACE. Nuclear Wave Compressively Recoils an EM Wave, you scavenge from the flow path by placing a lower Amp H.V. current, to redirect a amount of the recoiling mass. Pumpy thing motor is very sophisticated Linear Piston, very high compression and speed.. Must be stong as car engine block. Pumpy thing Compression Control Computer must be run by a powerful PWM multichannel Signal generator driven power supply source. Will post diagram of Scavenge circuit later this week.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 May 2025
Replying to @arrowbombadil
Physically reactive to Nobel gas, highly Negative Charge virtual gas, Plasma condenses to virtual gas due to has spin down, extending plasmas renormization by inducing LAG, that can be applied to make virtual High-Pressure regions for short lived times. Plasma Weaponry with a propagating wave front of several pico-seconds of duration, of a Logarithmic density gradient.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 May 2025
Replying to @bpportes
That's invisible to my view ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 May 2025
Replying to @bpportes
Semantics error in question ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 May 2025
Replying to @arrowbombadil

With Plasma Chemistry, Nobel Gasses attain characteristics of Bonding while the electrical field is energized, this characteristic integrated with Cymatics, allows the creation of (temporary) virtual Macro-Scale molecules, that cannot occur in Nature as a stable molecule. This allows unusual Valance distribution characteristics in the Plasma 2-part mixing.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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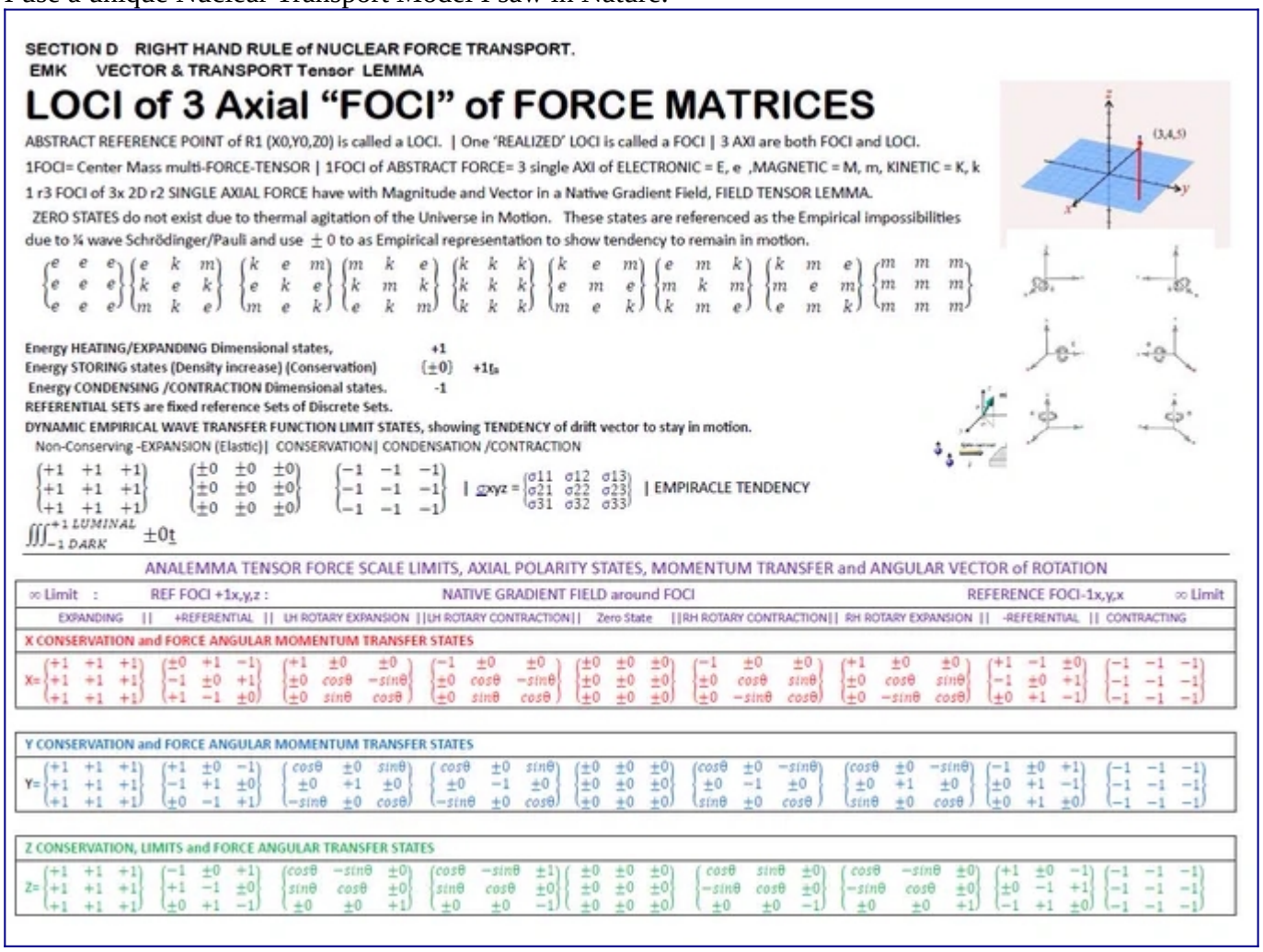
2 May 2025

Replying to @ousiaenergia

I add 5 Eikonal corrections of Mesosonic Velocity for 2 Phase Mixing of 2 dissimilar mixing media.
I use a unique Nuclear Transport Model I saw in Nature.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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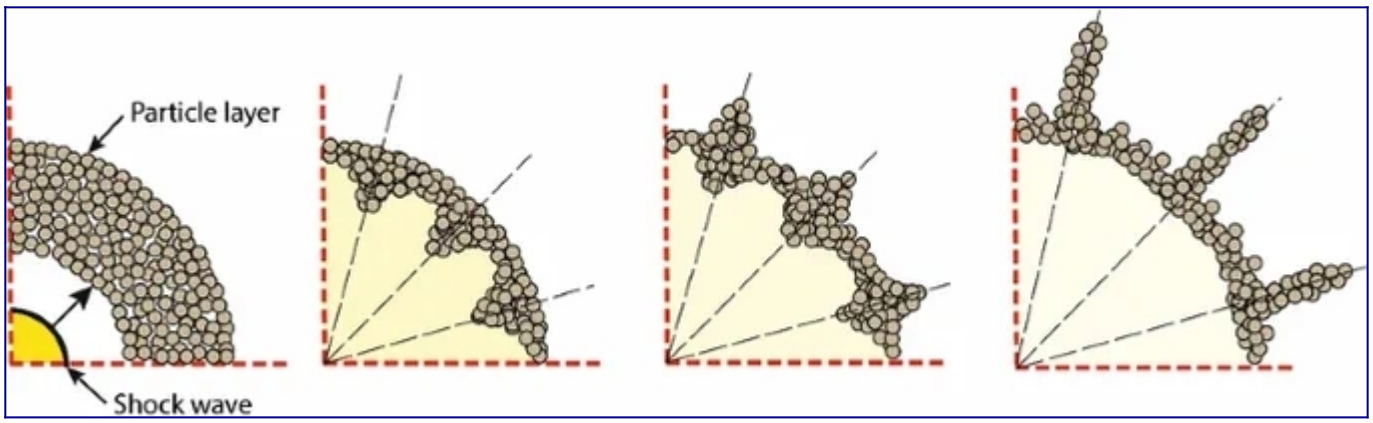
2 May 2025

Replying to @st3wb3ar

Dense Inert Metal Explosive. en.wikipedia.org/wiki/Dense_…



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1 May 2025
Replying to @st3wb3ar
Possibility of, Boosted Thermal Hydrocarbon Burst Weapon, Thermobaric, DIME,(ThoriaCesium) Nuclear Weaponry, Crystal Nucleation Weaponry, Giant Magnifying Glass, Lots of MAP GAP and guys standing around and taking smoke breaks and being more productive than the nonsmokers for up to 20 years, Nature, ELECTRICITY sparked off from the DARPA program to dump a billion pounds of aluminum in the air to light a giant spark off like a firecraker, arc wav.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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1 May 2025
Replying to @HelgerOun
CO2 Ground Injection is about freezing the access to ground water for the purpose of a Fake Megadrought to Blackmail Municipalities, forcing the municipalities to pay a fee to access to their own ground water. The Deep State plan on selling the 'Thawed-out access' as "NEW GROUND WATER ACCESS technology".
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 May 2025
Replying to @GuntherEagleman
youtu.be/watch?v=HN2Vjoin…

FURRY APOCALYPSE but it's just the space marines killing furries

I don't own the full video. All credit goes to Flashgitz. I just trimmed the vid for meme purposes to share it with everyone.Original video: https://youtu.be...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Apr 2025
Replying to @AndrewS31859941 @BryanKeIIy @AtlanticThoth
Reactive Engine. DOD/ODE antigravity vehicles utilize Contraction Engines instead of Reaction Engines.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Apr 2025
Hydrogen Plasma — Phase Diagram and Properties. Fast EZ read. europhysicsnews.org/articles…
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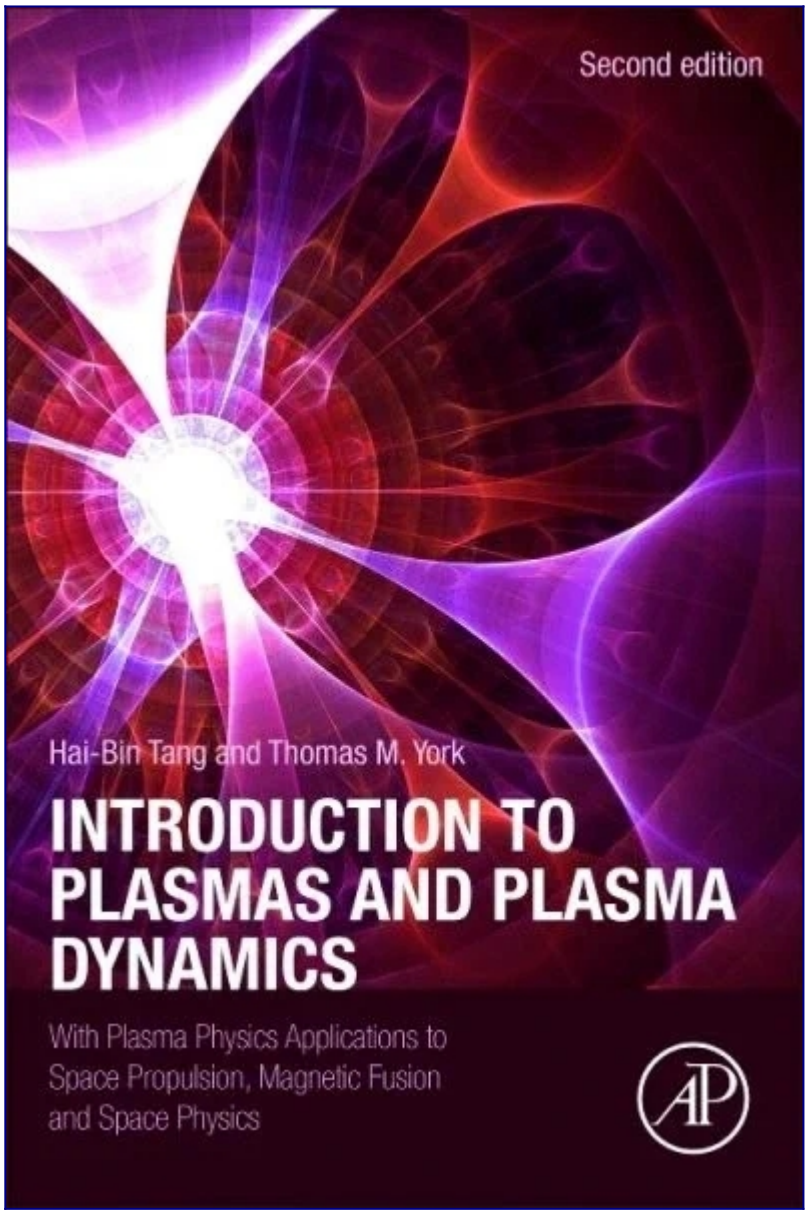
30 Apr 2025
INTRODUCTION to PLASMAS and PLASMA DYNAMICS - THOMAS M. YORK - HAI BIN TANG Full PDF tpscollegepatna.org/book/Int…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Apr 2025
Replying to @Phillip96207244
Gravitation is a different field of Study than Anti-Gravity Engineering. I taught Classes on both at AFRL. There is no hidden information, all advanced technology in in the textbooks.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Apr 2025

Replying to @BuzzyBiggles
Think of it this way. A Electric Arc pushes all Ions out of the path of Electrical discharges like natural lightning, the remaining Electrons are instantly polarized and are pushed to the outer surface of the conducting arc. The, previously, free and lightly bonded Electrons in the outer arc sheath are independent, Soliton, of the main arc and coupled to it. Application of this principal in Engineering give rise to the application of using electricity to push the surround Conformal adiabatic Pressure's interfacial Media tension, just Atoms off the surface of the antigravity spacecraft. Then application of other tricks of the trade, shove the Soliton outer Dual Layer, of the Magnetosheath farther away. The Pressures in the Plasma Bubble are lower than found in earth's orbit. The idea of these technology application is to generate lower pressure on the spacecraft fuselage skin, to be lower than found in low earth orbit. Then with Plasma Dynamic electrostatic force, you generate at a localized single spot-on fuselage, results in a stable area of plasma vacuum lower than found in deep space, using the lower vacuum to pull your spacecraft along. Ions are your Orrs, you row your spacecraft with, and Electrons are the Sea, your spacecraft floats in.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Apr 2025
Replying to @BuzzyBiggles
Look at Soliton Waves in Thermostatics and Magnetostatics.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Apr 2025
Replying to @Baptiste_Fri
2 Guys in Supersuits in Peru tried to Kidnap a young lady last year. Back in 1997, US ARMY started the Super soldier Program. Their engineers paid a visit to AFRL to ask about how to engineer a Plasma Levitating Supersuit that you could jump on skyscrapers with or Float over the Battlefield with. I believe that was that technology in a Mature form, as the engineers asked detailed questions on AFRL engineering of Metamaterial specifics. (Carbon Allotrope Cloth Type).
india.com/science/7ft-tall-a…
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29 Apr 2025
Replying to @th_stath @ashtonforbes
The Fuselage is Thermal Plasma Spray Coating is a major critical constraint in engineering. This Valance Driven Coating has unusual properties. If you have ever been near a Large quantity of Styrofoam or been covered in JP4 while servicing fuel sumps on aircraft, you know all about Static Fields. When you approach the vehicle unenergized, while on the ground, you feel the static from the Thermal Plasma Spray coating, before you enter the building. The Thermal Plasma Skin layer is an Engineered Flexable Crystal Electret. This greatly increases the Boltzmann-Gibbs statistical distributive Debye @$$ Grabbing arm length of the fat cold Ion's magnetic coupling to the Electrons within the Plasma bubble. This type thermal Plasma coating Process.
youtu.be/shorts/5U_zmxjt6…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Apr 2025
Replying to @AtlanticThoth

For health reasons, never ride a Teleportation device or Stargate. They are far worse than smoking, for your health.

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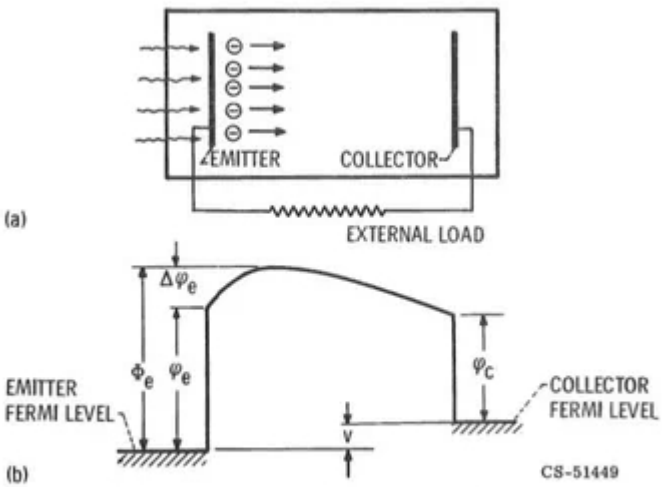
29 Apr 2025

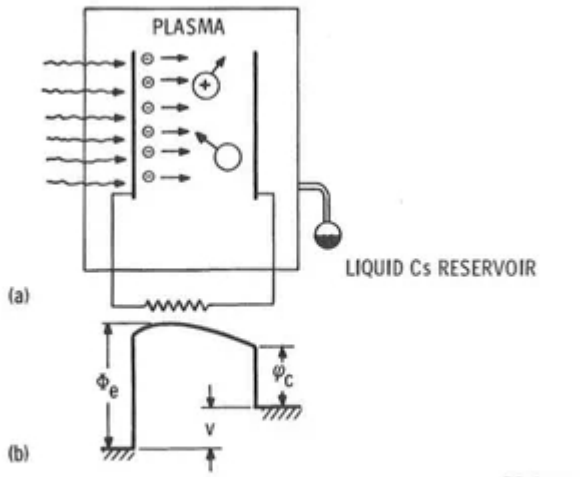
Replying to @MagnetReconnect

Another version of the Pumpy Thingy.



(a) Schematic diagram of thermionic converter.
(b) Interelectrode potential diagram.

Figure IV-1. - Vacuum thermionic energy converter.



(a) Schematic diagram of thermionic converter.
(b) Interelectrode potential diagram.

Figure IV-2. - Plasma (cesium) thermionic energy converter.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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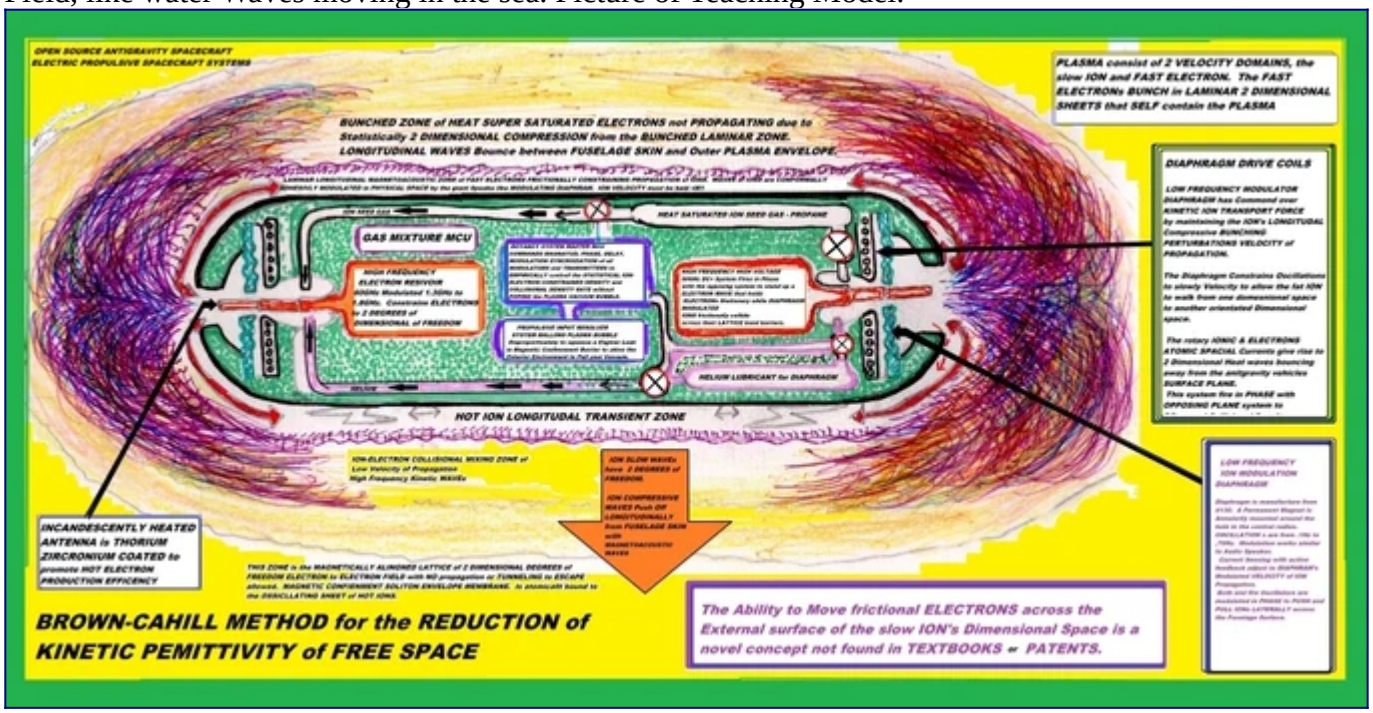
29 Apr 2025

Replying to @th_stath @ashtonforbes

Yes, Nature's Electron Vacuum found at the Media to Spacecraft's Interfacial Media (Surface). It is Electrically expanded with tricks of the trade. The Vacuums gradient is greatest just past the Oscillating Laminar Zone of Cold Ions. It maintains a slight gradient going toward the Magnetosheaths Double layer. The Double layer establishes the Adiabatic/exothermic barrier with

super hot saturated Electrons. The Electrons are so hot they make a relativistic, Statistical Distributive, nonlinear spacing of matter, resulting in a Grand Canyon of No MANs land that no Electron can approach from outside the Plasma bubble, due to the Thermostatic & Magnetostatic Field of hot Electrons in the Magnetosheat. The Electrostatic Field of the Magnetosheat's Magnetosphere constrains the surrounding adiabatic atmosphere's desire to mix into the Plasma. This renders the Plasma's Bubble Soliton in Magnetic, Electric and Kinetic/Thermal Fields. For those lacking define thoughts on 'Waves and Fields', remind yourself, a wave of water moves in the Field of Water, the sea. The Wave is the Kinetic movement within a Field, but can be made from the Field, like water Waves moving in the sea. Picture of Teaching Model.



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29 Apr 2025

Replying to @AshtonForbes @ashtonforbes

The Orbs go Cold due to the increase in ION SEED GAS. The increase in Ion Seed Gas Density is in preparation for all 3 vehicles to Sync their Buoyancy System's Field, (LF HV), Captive Discharge, so as to Kinetically Drag the Plane into their Wake,. The Vacuum forms in the Nuclear Transport Wake. In normal float and slow floaty flight, the vehicle's Buoyancy Field is a Smooth resonate idling Arc discharge. When going to Fast Transport, a large slow .5 to 1Hz pulsitic Discharge rate. This snaps the vehicle forward at great speed, (almost instantly to perception), while the interior occupants are in a Gravitationally Null weightless state, as long as the Field is Energized. The aircraft is Pulled by Vacuum into Nuclear Transport, not "TELEPORTED". Some nuggets on Cesium's Ionic Characteristics. PLASMA and MAGNETIC FIELDS in PROPULSION and POWER Research - (1970) - NASA ntrs.nasa.gov/api/citations/…

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Gravitational Waves: Sources, Detectors and Searches -Keith Riles labcit.ligo.caltech.edu/~ajw…

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TURBULENCE (KOLMOGOROV style) (1996) -URIEL FRISCH PDF
users.uoa.gr/~pjioannou/mech…

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Kinetic Theory of the Presheath and the Bohm Criterion. PDF cptc.wisc.edu/wp-content/upl…
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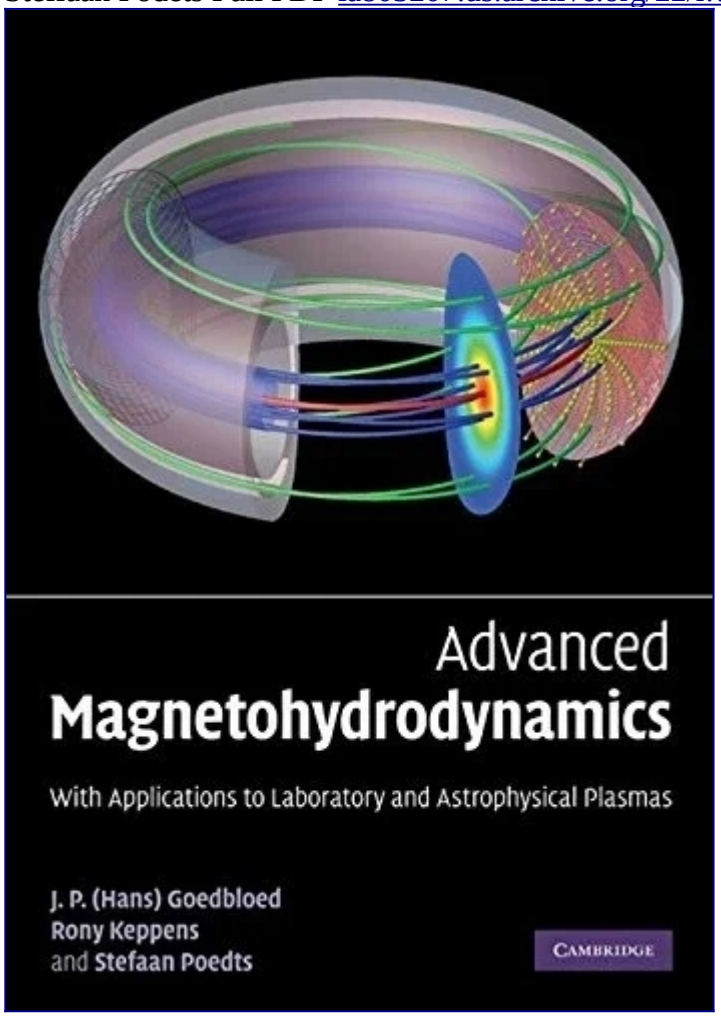
ADVANCED MAGNETOHYDRODYNAMICS (2010) -J.P. GOEDBLOED -Rony Keppens - Steffaan Podets Full PDF ia803207.us.archive.org/22/i…



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29 Apr 2025
Replying to @ChiefDinger
S. Meyer should have added a array of 20, 25, 30, 40Khz low power Ultrasonic Transducers to his Revisor Design and Heat the water slightly to 140 to 150 degrees F. This would allow the Hydrogens Lattice to Continually Funnel Ions in Transport and Ionization level by making them ride a MESOSONIC wave of Diffusiveness. (Shaking the Bubbles out with Nuclear Scale/Level Force. Lights of Extreme UVX brightness for Pair Production and Ionization multiplication also increase Gas Production Efficiency. It would step up in Gas Production efficiency, by a significant magnitude.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
29 Apr 2025
Replying to @589bull10000
DOD/DOE X-Ray Lasers are capable of Detonating nuclear weapons in Enemies Silos. The Chinese have "BRAGGED", they have 11 School Bus sized X-Ray (92nm) Free Electron Lasers in Orbit.
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29 Apr 2025
CHARACTERIZATION of PLASMA flow through Magnetic Nozzles.-LANL
apps.dtic.mil/sti/tr/pdf/ADA…
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29 Apr 2025
Replying to @ChiefDinger
Cold Plasma An emerging technology for clinical use in wound healing. PDF
journals.cambridgemedia.com.…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Apr 2025
Replying to @ChiefDinger
Please Update weakly on Cold Plasma Therapy.
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29 Apr 2025
Theory of Low Frequency Magnetosonic Solitons. A. B. Mikhailovskii and A. I. Smolyakov (1984)
jetp.ras.ru/cgi-bin/dn/e_061…
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@TMBSPACESHIPS
29 Apr 2025
Replying to @PuppetEdgar
Have you thought about STEROIDS?

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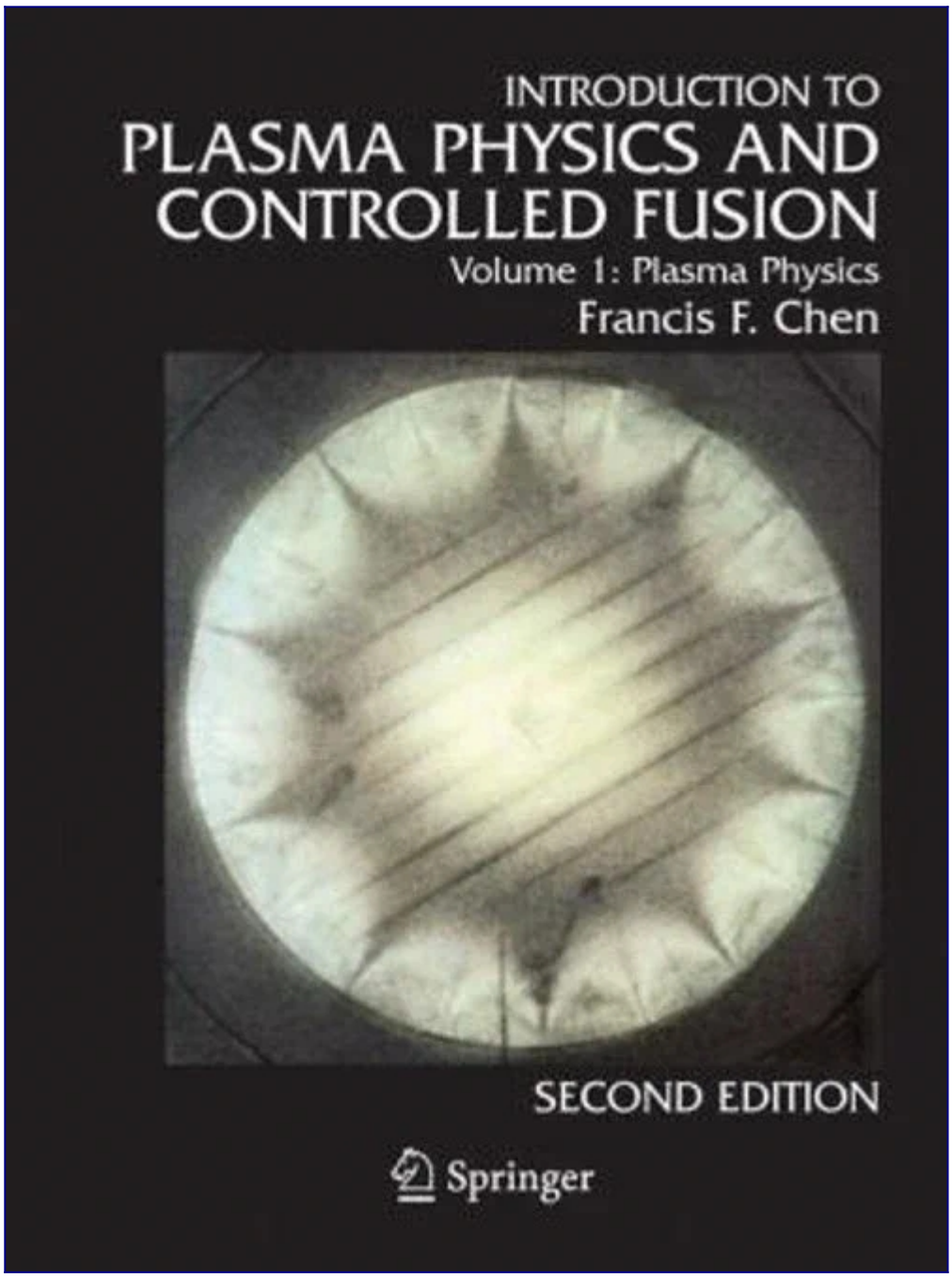
29 Apr 2025
Introduction to PLASMA PHYSICS and CONTROLLED FUSION - 2006 FRANCIS F. CHEN PDF (Dr. Chen never made a Volume 2, it was better to rewrite and restructure for the 3rd edition with Springers.) nucleares.unam.mx/~martinel/…



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Kinetics of Plasma Particles and Electron Transport in the Current-Carrying Plasma Adjacent to an Evaporating and Electron Emitting Wall Isak I. Beilis. PDF w3.pppl.gov/~ikaganov/Adobe/…

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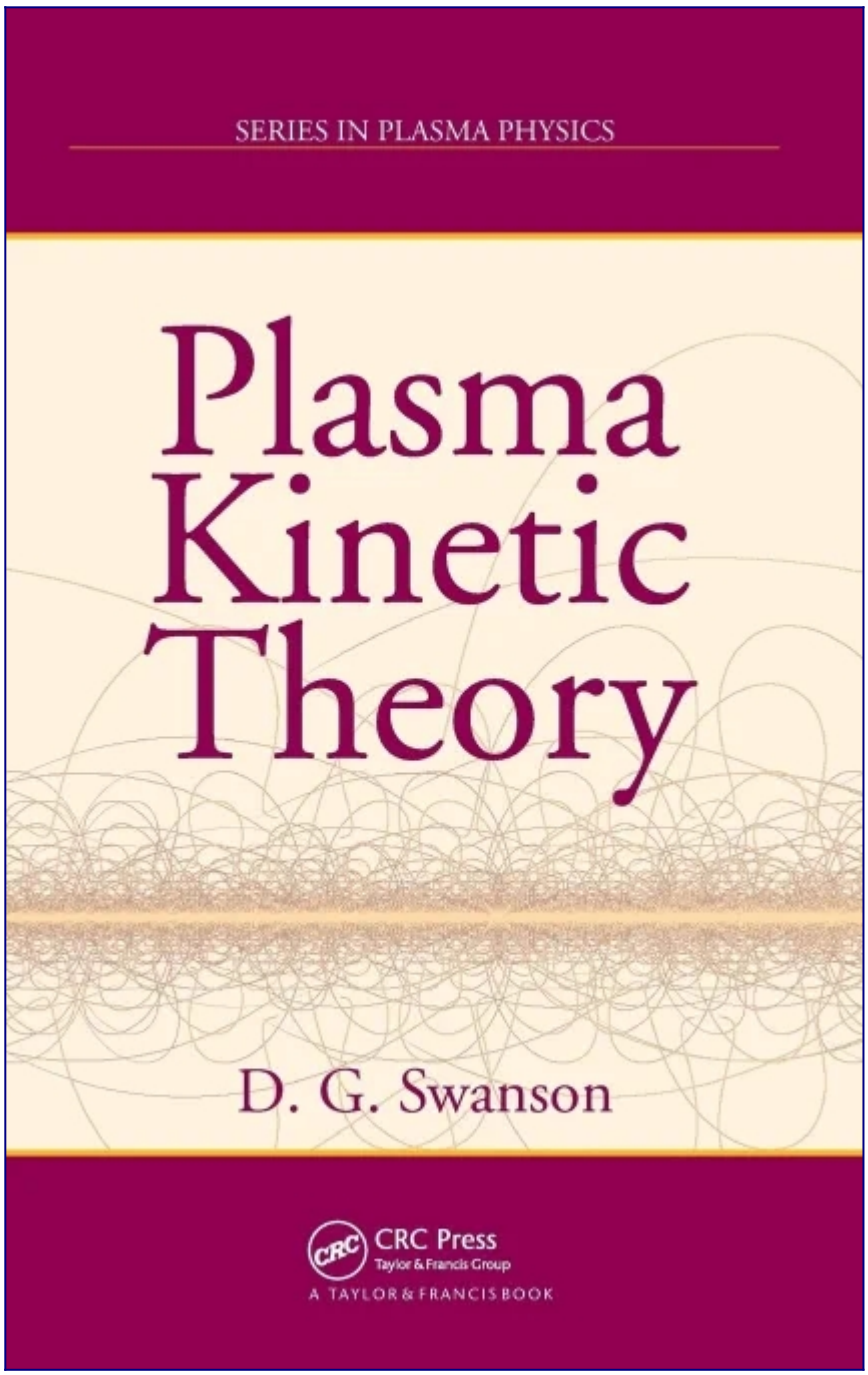
PLASMA KINETIC THEORY-D.G. SWANSON PDF research-solution.com/uplode…



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Using Vacuum Kinetically. youtu.be/watch?v=9ydJXOTf…

New Vacuum Cannon Design - No Vacuum Pump Required!

I recently had the idea for this new vacuum cannon design that many of you might be interested in. Since it hasn't been very long since my last vacuum cannon...

youtube.com

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28 Apr 2025
Replying to @AshtonForbes @ashtonforbes
In DOD/DOE antigravity vehicle's Buoyancy System, the Plasmas Double Layer of the outer Magnetosheat is the Kinetic Wall that Pushes the Adiabatic Atmosphere away from the vehicle. It acts like a solid Membrane in the Presents of Ion Seed Gas.
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Replying to @calmandfree23
The field doesn't dissipate Ions but does have a small amount of Electron Dispersal/Diffusion on the last Magnetoshear layer.
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USAF AFIT PDF book on GENERATIVE AI Familiarization. scholar.afit.edu/cgi/viewcon…
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28 Apr 2025
Replying to @HiroNishikawa @Xaraphim
Found whole PDF. airloads.net/Downloads/Textb…
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28 Apr 2025
Replying to @sponkostonko @UAPJames @ashtonforbes
In 1996, I went to a NAVY briefing on a Aerostat system named SORON, Synthetic Aperture Ultrawideband Radar Observation Network. They suggested placing a 1000+ units over the US at 120,000 feet. During questions and answer, someone asked, "Why are we going to waste resources Spying on the US. Then someone else suggested we place them over China and Russia. It ended with everybody thinking, "Someone wants to break the Law". They also suggested mounting an array of High-Powered Magnetron-type devices for Heart Attack induction. The 2 Navy guys wouldn't elaborate to a room full of engineers, how such a System would work? They mention such a system in the movie, "Winter Soldier".
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Replying to @calmandfree23
Yes, the Seed Gas is superheated then jumps a Bernoulli gap to lower the temperature, similar to aircraft ACM, in the expanded Ionizes state. The Ion Seed Gas gives the Plasma Physical Coupling to the Surrounding adiabatic and exothermic media. This is the secret ingredient in the KAPPA Ion and Electron Transport Velocity distribution. KAPPA distribution is the SEAT on the TRAIN the ION and ELECTRON ride on. When the Electron sets still, you only see the Magnetic Field of it's rest. When the Magnetic Wave becomes static, you can only measure the voltage of the magnetic field while in rest. The ION SEED GAS greatly increases Debye Screening and Ion and Electron Columb @$$grabbing force. Thermostatic and Magnetostatic Forces are not taught well today.
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28 Apr 2025
Replying to @Paulb83209791
You must self-teach yourself many fields of study to the PhD level. I always have a Monograph or 2 in my hands all day for reading when it gets slow. Dedicate yourself to Educating yourself till the day you die. Make your own family Textbook of information you found hard to understand. After 10 years, compile it and print the book in Hardback, for your prosperity. With this habit you will build enough information to write dozens of unique monographs. Study Differential with Boundary Layers till you see the basic Elements of Dispersal in all Disposal functions. Use the Matrices to develop your visual cortex and can visualize the Flow through the matrices. Look extensively at Lattice Boltzmann CFD. If a subject is hard to understand come back and ask questions and I can find great books with simple explanations to overcome lack of comprehension. Another note, Build your own reference Library. I have over 8,000 books and my house resembles a library. Goodwill, Ebay and AMAZON sell used textbooks at cheap prices. The best used textbooks on Plasma are Pre-2000. When you get into Lattice Boltzmann CFD, you will need to Code in C++, Python and Fortran. Playing with basics PDE in Python, to draw Spirographic pictures, is a good lesson. CFD programing gets easier the more information you have. Look way deep in my post and responses for technical information.
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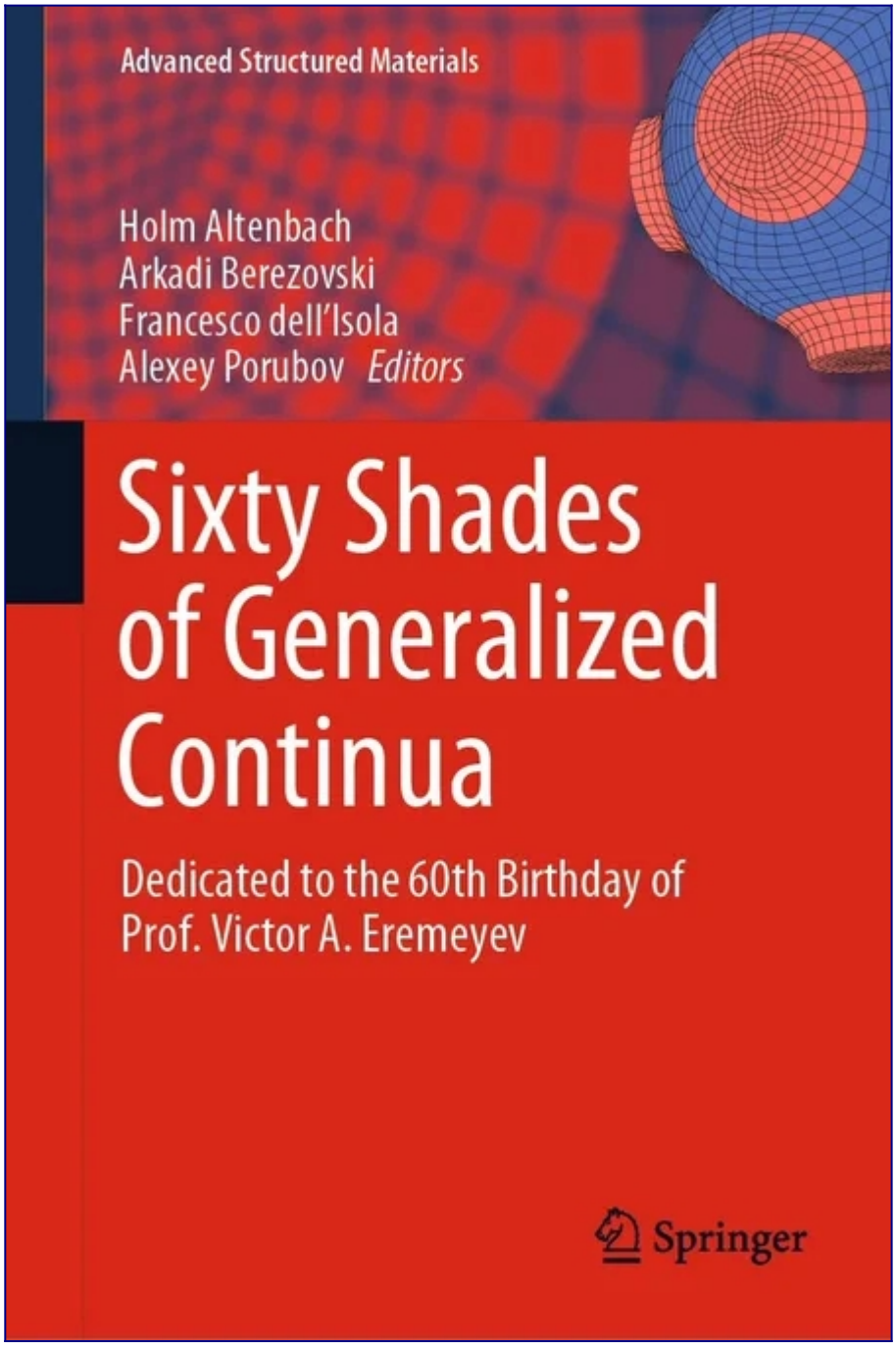
Introduction (to Hydrogen Contina. An Electron propagating in a Vacuum has it's speed suppressed by the Universal Hydrogen Lattice of Continua. This is the False Speed Limit of Light. This Speed

Suppression Phenomena is similar to Drag on a Supersonic Jet Fights. Older Jet Engines, like J-79& TF30, had exhaust velocities greater than 650mph. Newer generation jet engines have a lower exhaust velocity so the Burner can run smoother and give greater burn time by lower velocity and increasing engine diameter and compression ratio. Modern Jet engine like the F110-129 have exhaust velocities less than 550mph. Question? How does the jet go faster than it's exhaust ? Back to the other lesson, The Hydrogen Continua's suppressive inductance can be suppressed with Ion Seed Plasma. Antigravity Engineers need to understand "INTERFACIAL SURFACE PHENOMENA". link.springer.com/chapter/10…



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Hydrogen Continua is another difficult subject to conquer on your way to Antigravity Engineering. ntrs.nasa.gov/citations/1983…

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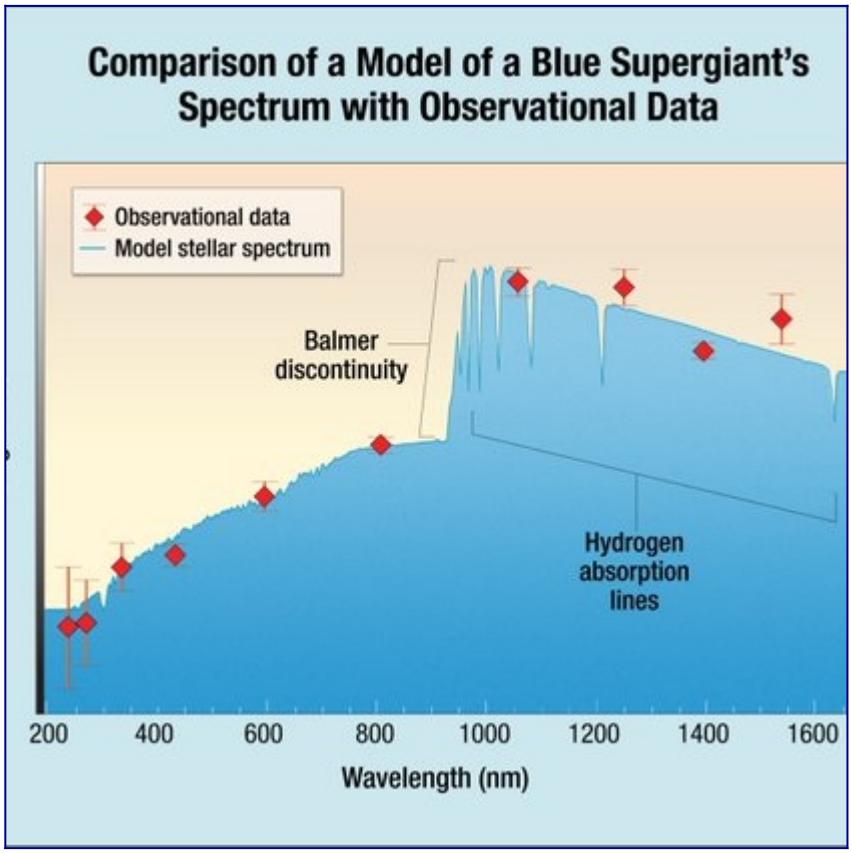
Hydrogen Continua Modeling and BALMER Jump. ui.adsabs.harvard.edu/abs/19…
en.wikipedia.org/wiki/Balmer…



Balmer jump - Wikipedia

en.wikipedia.org
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27 Apr 2025
Replying to @lilwhodacrunk @rosscoulthart
Parrell technology was developed and hidden within the military side of the system. If a Voice is transmitted to everyone's head, it will shortly be followed by, Testing , Testing, Testing 123....
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27 Apr 2025
Replying to @lilwhodacrunk @rosscoulthart
My opinion, I've been away 5 years now. The Blue Beam Programs Stand UP under another name starting this year. When I left, there was technology maturity programs with dates of milestones and production in 2020 to 2026 and I saw a drop in completion dates in 2026. I give 6+ months past the production drop, 2026 for whatever they have planned. They will have to perform FCF and training to be effective, give that 6 to 8 months. With all the activity and the launch of Deep State PsyOps. I believe have 2 -3 years from their Biggest Show Ever.
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27 Apr 2025
Replying to @Enigma0UFOs @UAPJames @ashtonforbes
A person without a full set of knowledge can bend his mind around nonsense and call it coherent. God placed many fixed instruction sets in reality. Many people are inverted in their comprehension when they see God instruction set in reality and assume it's a computer run simulation. Instruction sets are part of Nature everywhere in the form of DNA. Most people have never had a Supernatural experience, and this limits their knowledge pool. I had an Atheist friend in the military, he had an supernatural experience that made him so religious, I had to cut him out of my life. He did not have a good foundation and began to tell me I was going to Hell because I told him how to handle the information overload. The mind can manifest Physical and Non-Physical events into reality. This is the personal instruction set. You soul has it's manual of Operation in the form od Compassion. It is a misconceived and over-simplification to say Life is a Simulation. It is much more than that. To gain real insight, one should go an work Hospice for Free or help Chronic Alcholocs. I had a friend who had a major DT induced seizure and a foreign voice tried to talk through him, to me, after his brain was partially dead. I have had to Hospice several friends and in the last hours the Angels will show up and give you an experience if you are truly humble. So in a simple answer of my opinion, It is a oversimplification to say we are in a Simulation. Humans build simulators based on patterns seen in nature. Patterns are instruction sets. So the Logic to say something is a Simulation, when they are comparing an Instruction Set found in Nature to a Computer Simulation is an Inversion. The Logic discerns the Statement would be valid to say, Computer Simulations are Similar to the Instruction Sets found in Nature.
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DOD/DOE antigravity vehicle utilize "SKEE", STATION KEEPING EQUIPMENT to hold accurate formations. SKEE Navigation systems maintain the antigravity vehicle's position if a formation. SKEE can be programed for ACTIVE PATTERN FYING, such as in the Videos Ashton Forbes promotes. In those Videos will also note the ION SEED GAS spewed in front spherical Antigravity vehicles. leonardodrs.com/wp-content/u…
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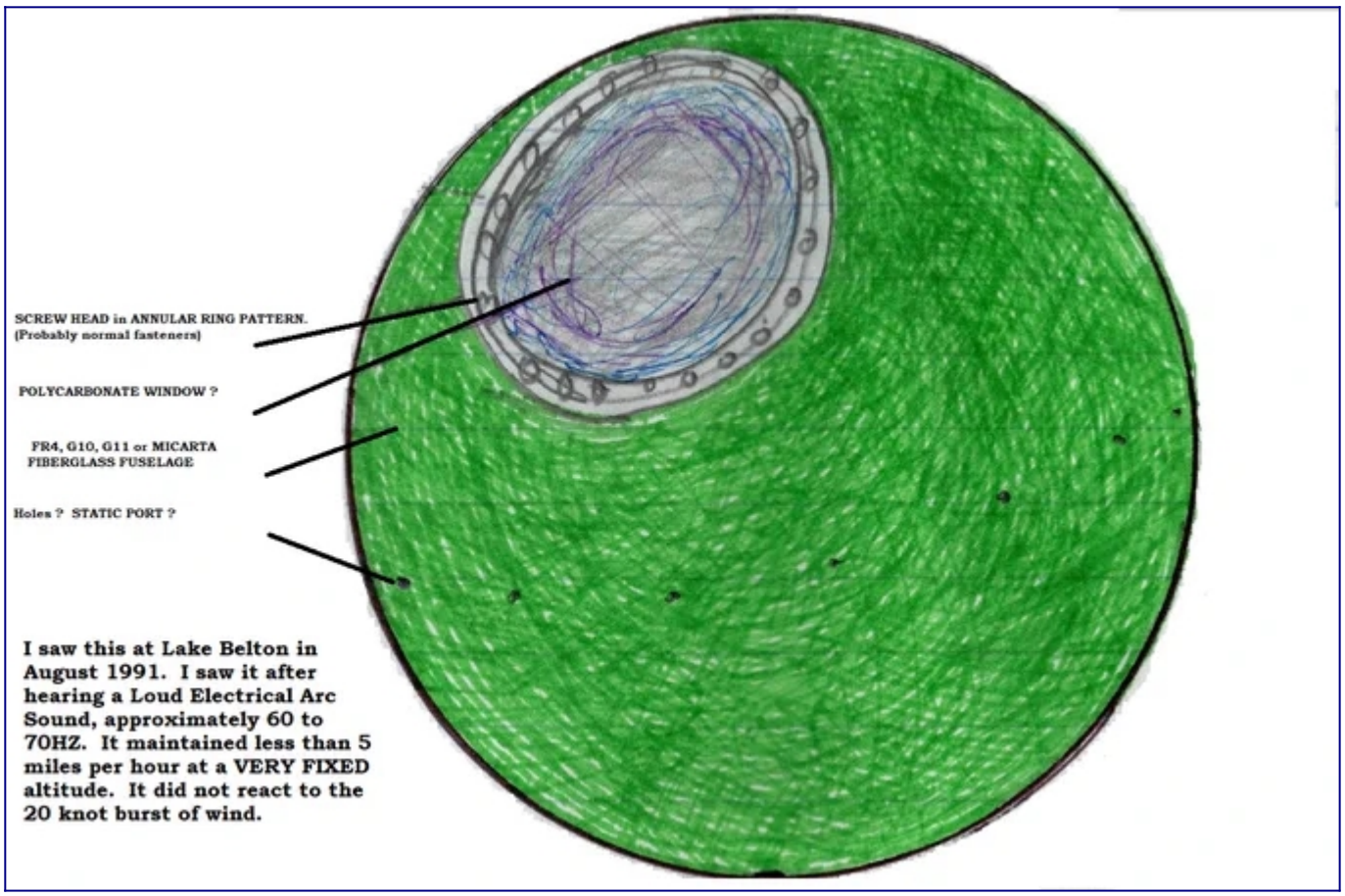
27 Apr 2025
Replying to @UAPJames @ashtonforbes
But we Do have Spherical Antigravity vehicles, and they can take a aircraft into Macro-Scale Nuclear Transport. I saw this in 1991 as a Jr. USAF Butter Bar Engineer and followed it home to the McGregor Texas, NASA-owned-at-the-time, RP-1 production plant. Space X own that today.



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27 Apr 2025
Replying to @Phillip96207244
Most Engineers in the Covert Programs have personalities that Don't care for small talk. Their minds are preoccupied with Engineering thoughts. To get into the Programs that Luis Soulpatch was in require you to be Hypnotized as part of the Reliability Program. They don't talk like engineers; they are always obscure in technical details. They talk like improv actors. And they will know intimate details about Aliens, their intent, their technology and their society. The whole Disclosure crap looks like CIA fake PsyOp with alternative social engineering goals.
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27 Apr 2025
Replying to @gweets01
In a DEMOCRACY, Laws are applied to Classes of People. In a REPUBLIC, Laws apply to everyone.
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27 Apr 2025
Replying to @TMBSPACESHIPS @ChiefDinger
Good Intro on ATTITUDE DYNAMICS FUNDAMENTALS- HANSPETER SCHAUB
hanspeterschaub.info/PapersP…
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27 Apr 2025
Replying to @ChiefDinger
That Field of Study is ATTITUDE DYNAMICS. Good Paper on Attitude Dynamics with Matrices for your Visual Cortex. Matrices develop help the mind develop advanced Visualization Skill .. aero.us.es/dve/Apuntes/DVE_2…
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I love research papers with lots of hand drawings. ION ACOUSTICS WAVES- written by a Human. home.sandiego.edu/~severn/p4…
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26 Apr 2025
Replying to @aevalab
No evidence at all for Weak and Strong Nuclear Force. Evidence discerns, observations labeled, STRONG and WEAK Nuclear Force, are a single multi-characteristic force. The Strong and Week Nuclear Force are modeled as Thermal and Kinetic Flow of E & M forces.
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26 Apr 2025
Replying to @Xaraphim

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26 Apr 2025
Replying to @ChiefDinger @Enigma0UFOs
The reason for the long investigations; is the Classification required by the OPM, DOD, DOE, DARPA investigators. My actions are being investigated, not the information I convey. I was told last year, I can post any technical information without restraint. They let me post Anti-Matter weapon information. That was a big no no untill 2002. Never trust a Lefty.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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26 Apr 2025
Replying to @TheRealRileyJ @ashtonforbes
Today's conventional nuclear weapons have near 100% conversion to Hydrogen and Helium. The Fallout is still dangerious due to the Ultra Fine Burnt Particles remining in the area of Detonation. We have 2 Anti-Matter weapons assembled and have adapted B-2s to fly in a unmanned role as a Pair of Nukes, that when fired over 1000 miles apart, rending the region uninhabitable for 2,000 miles. Antimatter weapons remove energy as it's Detonation Cycle. The weapons leave large regions frozen colder than absolute Zero and will have missing material from the detonation zone as the renormalization of sizzling matter condenses all material into Fractional Electrons. We proposed to test a Antimatter bomb on the aft side of the moon and the suggestion was shot down due to resources being on the moon. We cannot test a Antimatter bomb on earth without major world wide weather changes. The underground nuclear test in 1991, when I was in a research bunker, dried my skin out and left my lips burnt, 14 miles away from the detonation. Results from the 1991 underground detonation showed the Underground detonation placed just as mush Fallout, as above ground detonations.
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26 Apr 2025
Replying to @MatthewWielicki
When I was at AFRL, I found lots of information on Freezing Ground Water Access to prevent access. The ENRON's water rights control Plan was to Freeze the Ground Water and have Municipalities Pay for "New Fake Technical Access to Ground Water by thawing the access. CO2 sequestration is only about Freezing Access to Municipal Ground Water. ENRONS plan was to have BRIBED Political Officials always deny the Freezing of the Ground Water.
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For Antigravity Engineers; Expand you knowledge on Plasma Double Layers.
physics.ucla.edu/plasma-exp/…
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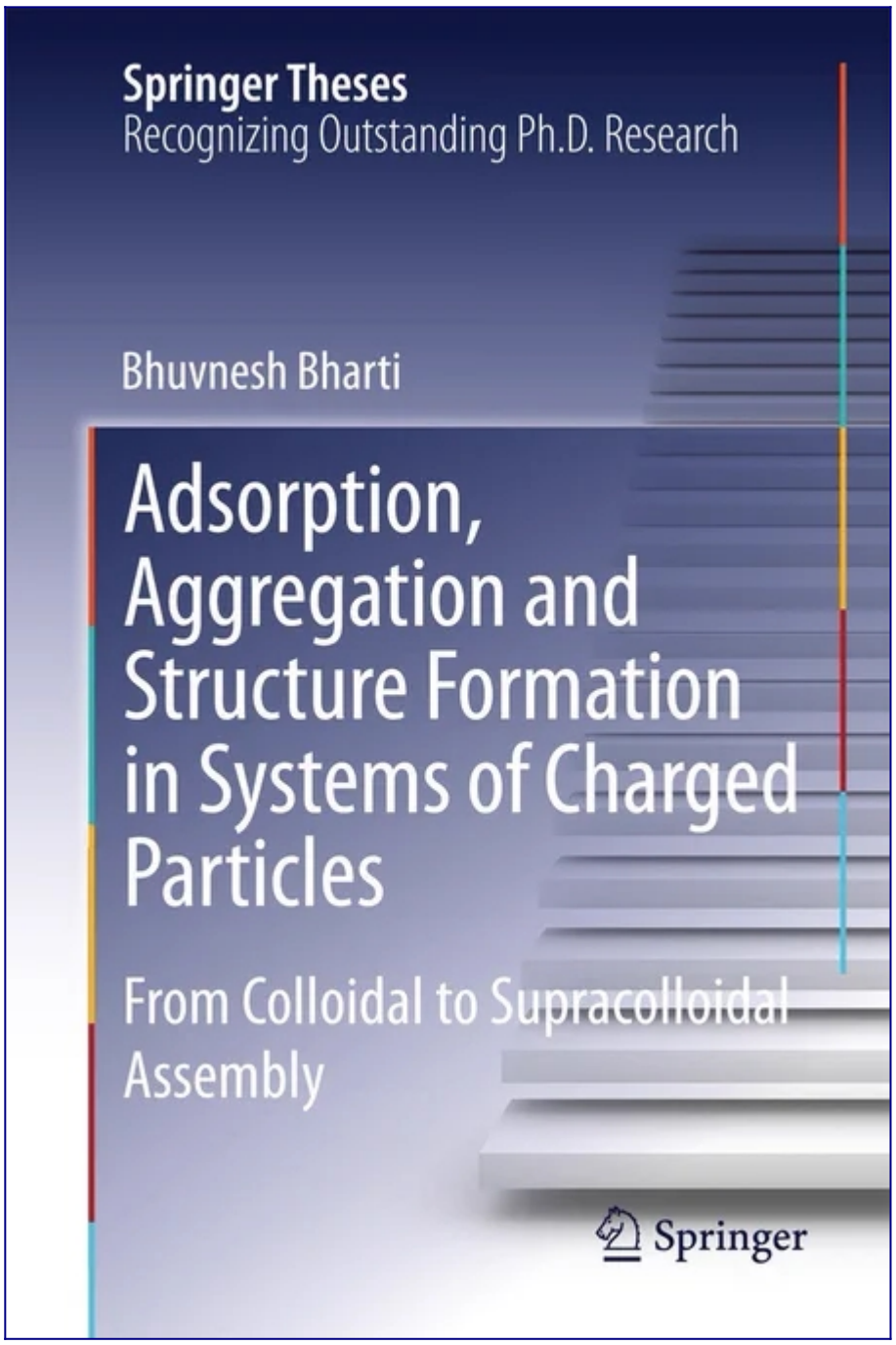
25 Apr 2025
Replying to @bpportes @NikolovScience
You will have to make your own personal reference book on Symbols, Functions and Relations. Boltzmann's K is not everyone's K and must have Eikonal Conversions of Velocity and Position to be compatible to standard SI. Many Functions must have corrections for interfacial Media's Eikonal Skewing. Things of this nature will only be found in your own personal Reference Dictionary. If you have to teach yourself a subject, understand your "Lack of Knowledge" first. This will then define your knowledge path. There is much to learn in looking up old textbook titles. It will expose you to subjects, you would never have heard of such as, ADSORPTION AGGREGATION and STRUCTURE FORMATION in SYSTEMS of CHARGED PARTICLES - BHUVNESH BHARTI or Black Magic Sand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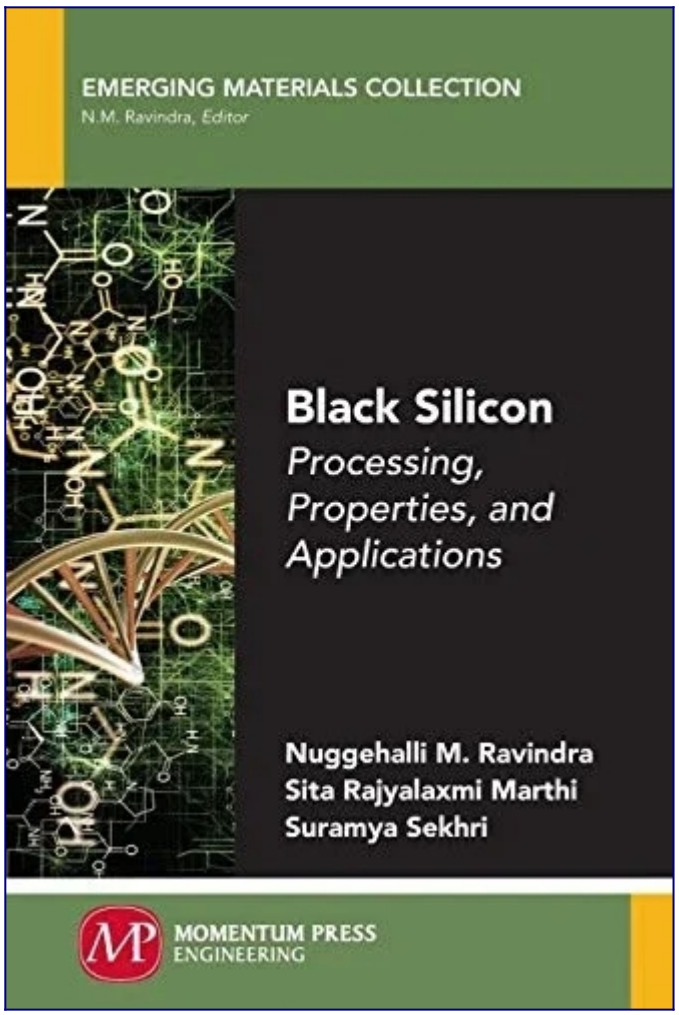
Recognizing Outstanding Ph.D. Research
Bhuvnesh Bharti
Adsorption, Aggregation and Structure Formation in Systems of Charged Particles
From Colloidal to Supracolloidal Assembly
Springer



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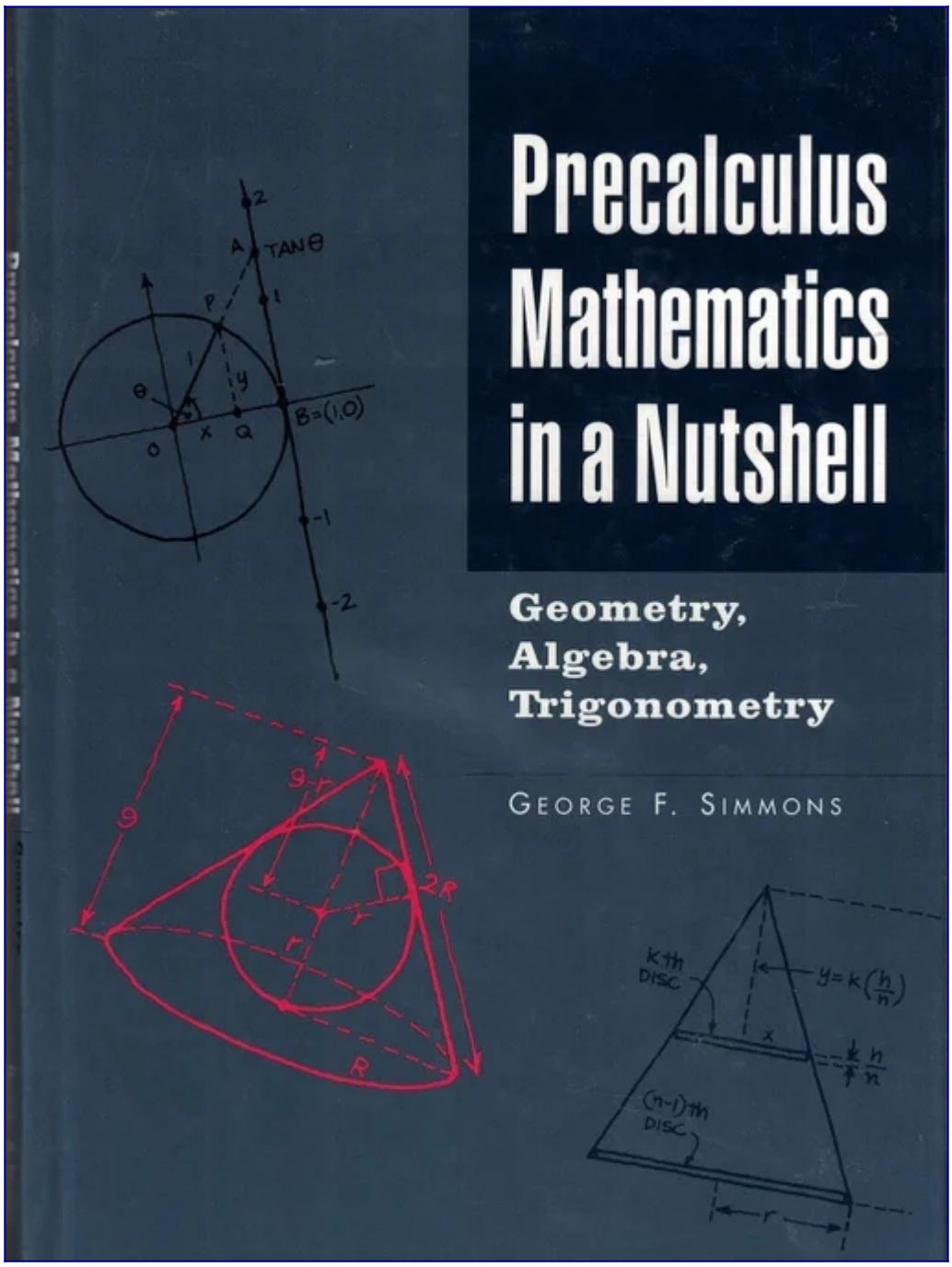
Replying to @bpportes @NikolovScience
If your math is slow start with Precalculus Mathematics in a Nutshell -G.F. Simmons Know this book by heart.



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Replying to @bpportes @NikolovScience
Go through and learn all of Lev Landau's Course of theoretical Physics. Eat, Drink and sleep in the course until you think like Lev and can teach every book, proficiently. Takes about 6 years. Learning Lev and speaking poor and broken Russian will get you access to almost all Russian Scientist. That got me massive street cred with Soviet Scientist during the late 90's Threat Reduction Plan. For personal career growth, make it known to all your Commanders at initial meeting, 'You are very serious about Anti-Gravity research and are writing some papers at that time. Write some papers based on the methods in my post. Such as,...Incandescently Heated Thoria Coated Antennas have Awesome B!+ch'in Radiating Patterns. Use classical Mechanics to discern areas you don't understand well. Eat, Live and Sleep Differentials with Boundary Layers. Snack on Semantics & Combinatorics. You'll End up at CFD Land and Lattice Boltzmann. Use Classical defined Words and Subject specific terms when talking about technical subjects, never be obscure in

explanations. Engineers want to know all the details and theory of Operation. In my Post I clearly outline a Plasma Based Self Syncing Communication system. It is a real time Longitudinal Kinetic Data Communication System. No Latency, Real Time. This was research I was working, when the Covid Nazi showed up, It was to improve upon an older Hertzian System, Real Time Data Link across Galaxies. For Professional growth, write your own whitepapers of Controversial Physics subjects with suggestion to remove constraints. Always put so much information into it, it should look like it needs to classifed. Otherwise, you're just a speck in the background. Make Paper PDF reports for handouts instead of PowerPoints. With the way things are structured now, work at a AFSC Depot Engineering department for initial base. Propulsion Directorate is Preferred. I'll know your boss if you are there within 3 years from now. Make all your research papers look so technically through that your peers tell you, "YOU must Classify Your own research." That will get you papers noticed. Refuse to Classify any research so other USAF engineers can contact you and share information. (Experience) To enter the Covert Programs, you will be "Approached."
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24 Apr 2025
Replying to @libertytarian
CO2 Ground Injection is for the Purpose of Freezing out Ground water access by Blockrock. The CO2 is designed to Freeze the Ground water for tens of miles from the injection site. The purpose to Blackmail local municipalities to "Thaw Ground for Ransom and present the thawing process as a new access to water resources."
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Apr 2025
Replying to @lilwhodacrunk @NikolovScience
Yes. The Hydrogen's Inductive relationship to a Electron, Propagating in free Space, is the same as Adiabatic Air Resistance causing Drag on a Supersonic Aircraft.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Apr 2025
Replying to @lilwhodacrunk @NikolovScience
Time is always handled Discretely in Plasma Physics. To Tie Time and Space together is to use "Teenager" Physics" to define a myth.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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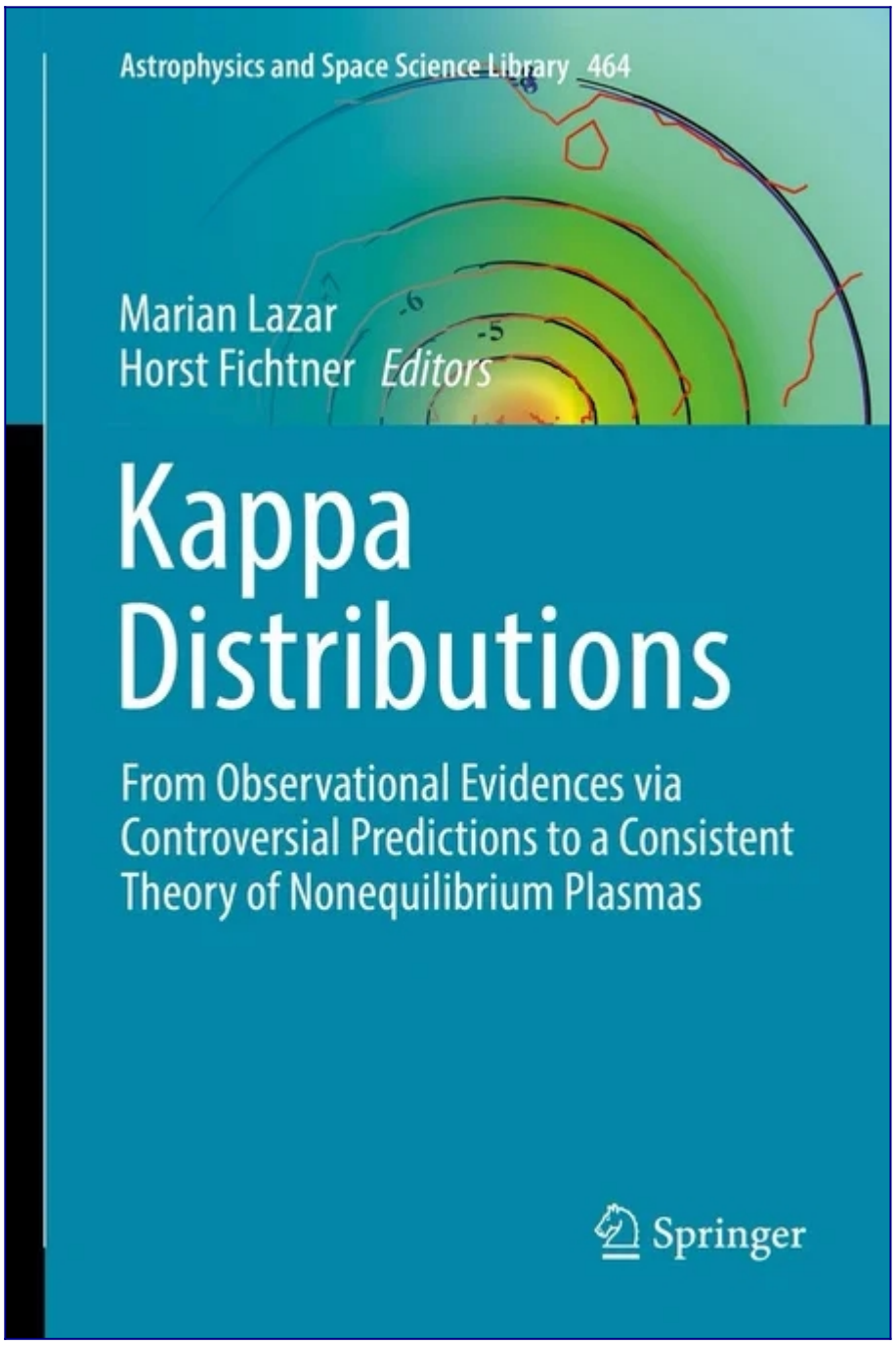
Replying to @lilwhodacrunk @NikolovScience
Kinetic Coupling in Plasma Physics is found, Perpendicular to Kappa Sub i.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Apr 2025
Replying to @NikolovScience
In the Real Covert DOD/DOE antigravity Program, GRAVITATION is a Local Force, Found at the Interfacial Media interface, ONLY. We never use Plebe language like,' Space Time Bending.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Apr 2025
Replying to @LeeWheeler79888 @wisdomwalker
Biggest Mis-Direction of Education was the Elimination of Nationalist STEM Programs left over from the Cold War. Early Educational System goes Hand in Hand with Media induced influences. In high school, I had Trig and Calculus, taught to me, at the 2nd year college level. Today's AP Programs teach less technical information, less than the Jr. High 1950's level of education. Also, todays programs are replaced with 'Glam' Socially Engineered "Newspeak" hand Hypnotizer device

we call cell phones today. Starting in the 1940s, the CIA had Sci-Fi Writers, write Educational Fiction and part of the US's Cold War STEM Program. Phillip K. Dick spoke openly about how the CIA brought him a Summary of a Story and a Big Check to write to book beforehand. Mr. Dick said, Stanislaw Lem had voiced the same opinion of the USSR having him write Socially Engineered stories for the Soviet Republics. The Tom Swift series was designed to create the spark of wanting to be a top scientist. At this same time period, Chemistry Sets and Electronic-Build your Own crap and know how to repair it kits, like Heath Kit. When I went to Elementary School back in the Early 60's, we had Media geared toward education. Most Science related textbooks had Bios of Astronauts, Test Pilots and Top Scientist. Todays the Social Engineers of Society offer, Diddy Rape Parties with Sex Slaves, Child Sex Parties as the Elite Status, instead of.... building your own spacecraft and having Space Wars against Alien immigrants from another Galaxy.

ALL TRANSISTOR
Norelco
Electronic
Educational kit
DISCOVER ELECTRONICS
SAFE! NO SOLDERING!
EASY TO BUILD,
96 Page Illustrated
Instruction Manual Explains
With Basic Theory Course
AGES 9 AND OVER
Norelco
ALL TRANSISTOR
Electronic Educational kit

RADIO SHACK Science Fair™ ELECTRONIC PROJECT KIT *201
• Build 50 Working Projects!
• Fun! Educational! Entertaining!
• All Solid State Circuitry!
• Learn Theory and Practice of Modern Electronics!
• Safe—No Soldering, No High Voltages Required!
• Clear, Detailed Instructions!
• Use Your Ingenuity to Create Even More Projects!
Includes Everything You Need — Nothing Else to Buy!
INCLUDES 15 SOLAR ENERGY PROJECTS
50 IN 1
Easy-to-Build Project Kit: No Soldering, No Special Tools Required! Learn While You Build. Ideal for Kit-Builders of All Ages!
Build These Projects:
EARPHONE
SPEAKER
METER
RELAY
TRANSFORMER
50 in 1 ELECTRONIC PROJECT KIT *201
SCIENCE FAIR
ELECTRONIC KITS
SOLAR CELL
METER
A PRODUCT OF RADIO SHACK, DIVISION OF TANDY CORPORATION
BUZZER
PILOT LAMP
VOLUME
Science Fair
ELECTRONIC PROJECT
INSTRUCTION MANUAL
A PRODUCT OF RADIO SHACK

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24 Apr 2025
Replying to @MagnetReconnect @uncertainvector
The DOD/DOE allied under 5 Eyes Deep State have a Big "Blue Beam" style PsyOp planned for 2028. I never hung around the people who said they worked Alien Programs. (You must allow creepy strange doctors to Hypnotize You to get in those Alien Programs as part of the Personal Reliability Programs. Everything "alleged Alien junk" is turned over to private corporate engineers, whom may be idiots. Private 5 Eyes Partners take full possession from military. I speculate the whole Deep State Disclosure Crew are part of the MK Ultra side of the UAP Disclosure Psy Op. I believe the DOD/DOE will lead in with a large Particle Beam Attack on a Central US City. We have massive orbital Particle Beam Systems for Anti-missile purposes. The 5 Eyes/Hydra like Globalist Organization has complete control of this Arrayed system and may use it against a US City. I worked the Beam weapon and Antimatter program back in the 1990's. Systems have become mature over the last 10 years. Systems can cut skyscrapers in half from orbit, in under 3 minuets. US

developed this capability and shared it with all our enemies under the program called, Obama's 'Loot the Technology Programs for the Communist Globalist Governance".
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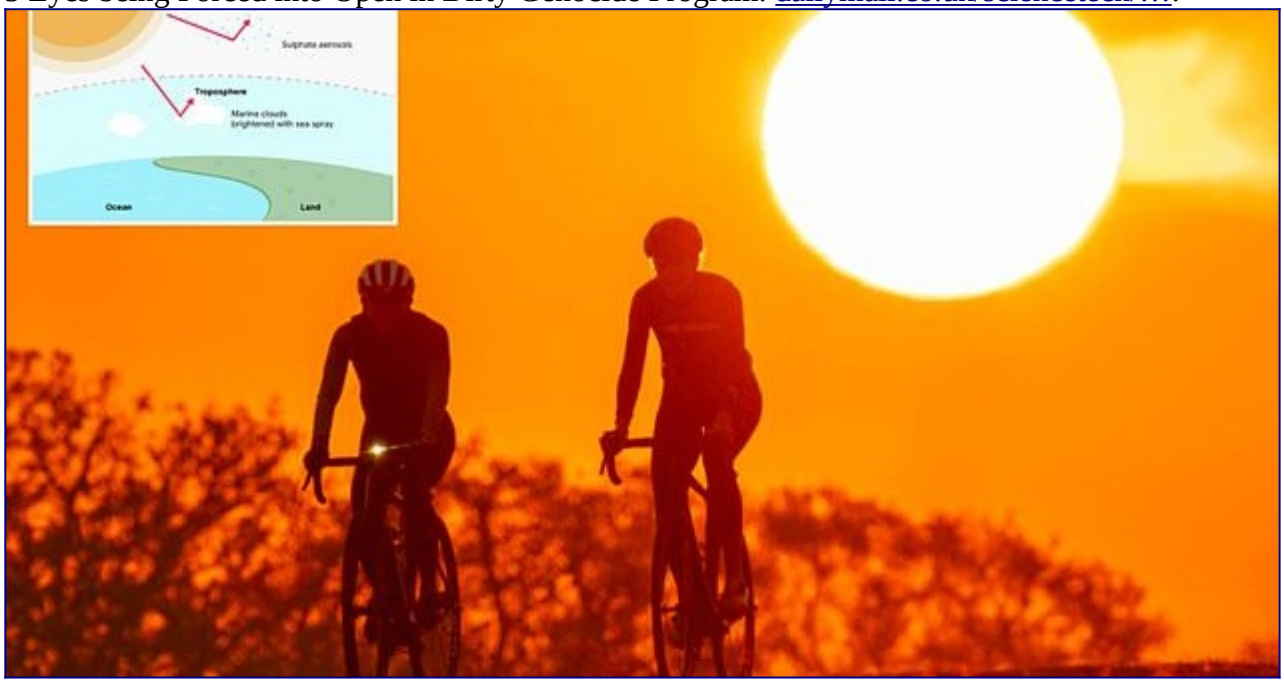
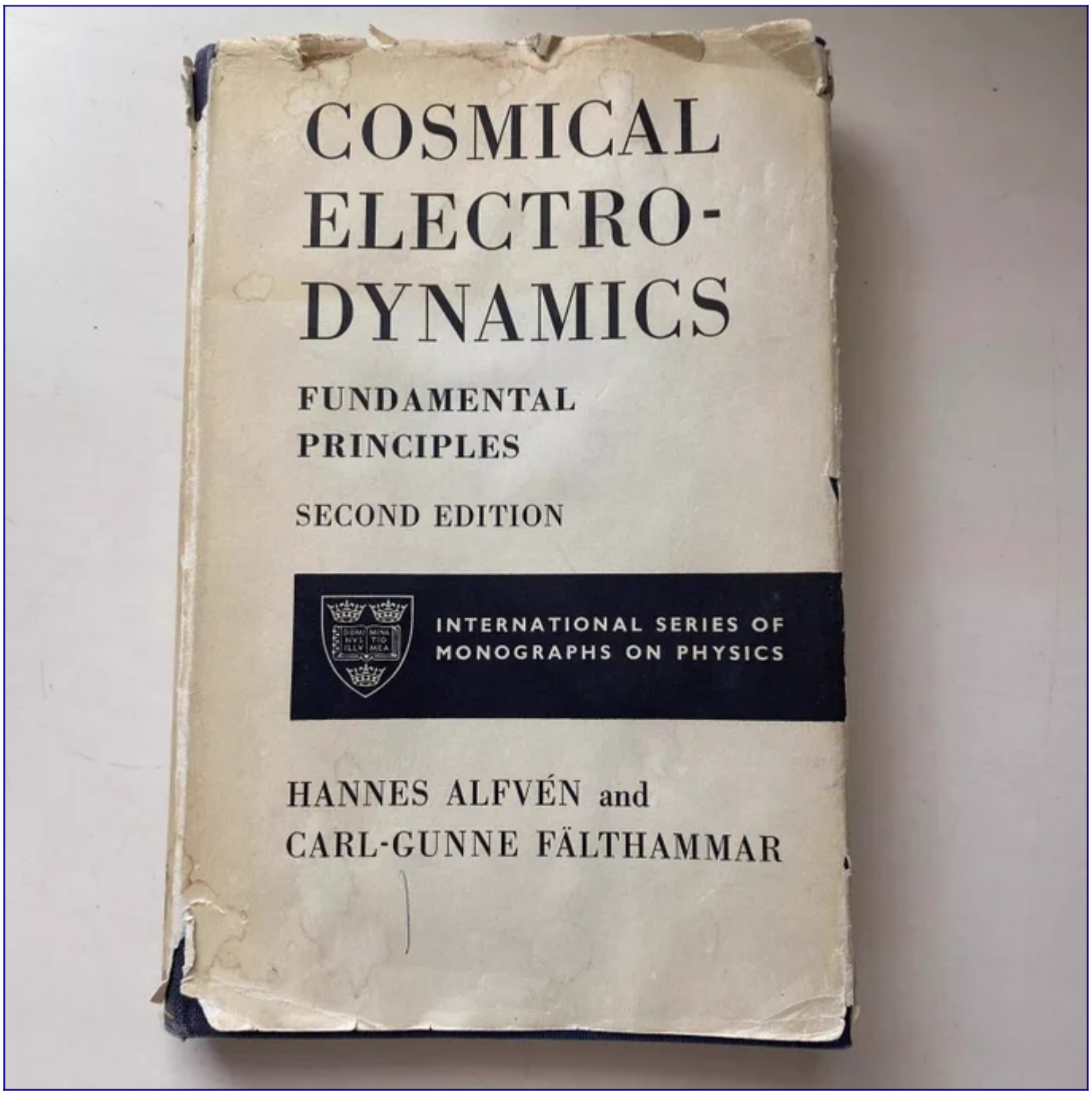
23 Apr 2025
5 Eyes being Forced into Open in Dirty Genocide Program. dailymail.co.uk/sciencetech/….



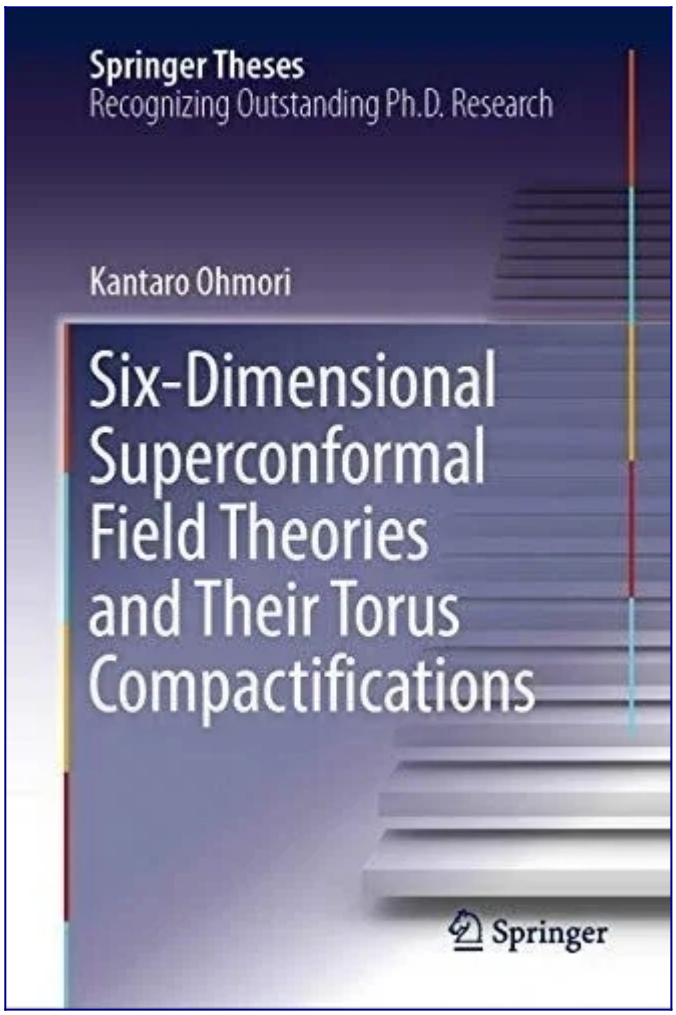
Is THIS the key to stopping global warming? Scientists want to dim SUN

Experiments to reflect sunlight away from Earth will be given the green light by the Government within weeks. Trials could include injecting aerosols into the atmosphere or brightening clouds.

dailymail.co.uk
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Apr 2025
Replying to @AshtonForbes @ashtonforbes
Textbooks say Space is Filled with Moderate to rarified fast moving gradients of Ions and their Children, Free and Lightly Bonded Electrons, are Coulomb-Chained, tighter and tighter, as the Pressure get lower. The Deeper you go in Space, the Ions Coulomb Strength grows, (the greater the Ion's @$$ grabbing Distance, to grab another Ion.) Coulomb distance can reach miles for small numbers of ions in close vicinity, in deep space. Hannes Alfven wrote the Book on Cosmilogical Electrodynamics (1958)



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Apr 2025
Subject Related Monograph. Six Dimensional Superconformal Field Theories and their TOURUS COMPACTIFICATIONS.



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19 Apr 2025
CONFORMAL FIELD THEORY en.wikipedia.org/wiki/Confor…

Conformal field theory - Wikipedia

en.wikipedia.org

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Apr 2025
Replying to @TheRealVerbz @SocraticScribe
I fully concur and point to the High Priest in the Cult of C as progenitors of Misunderstanding of the Adiabatic Re-Normalization of Ion -Electron Conformally filling field, being misunderstood and presented as "Gender Time Space Bending Fist me in my Back Hoe. How many ways can a Misunderstanding be taught as Fact.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Apr 2025
Replying to @jwt0625

Quantum Computers can be remotely corrupted at long distances from the Kinetic/Thermal Pulsed Longitudinal Noise Attack systems. This was a vulnerability preventing Quantum Computer use in Spacecraft. (but some idiot, like Bozos will send a Colemon cooler up and call it a Quantum Kumputer or sumting like dat.) Conventional Silicone based Intergrated Chips have a advantage of large atomic cross sections in it's conducting metals. Increasing resistance to X-Ray Laser scattering in its circuits. Radiation resistance hardening of 8 Bit computers is comparable to continuous high level x-ray bombardment. Quantum computers have ultra-thin film layering of metals, increasing sensitivity to X-Ray. Utilizing 3 X Ray Lasers, set hundreds of miles apart, alinged on the same pointing axis, Firing Scattering Pulses, in a random .1Hz Thermal Pulse in 3 location, Pulses of noise disturb the lower end sensing in quantum Computer, they can be rendered useless. AFRL has 30 year old papers on Scattering the Local Cosmic Thermal Background Continuum. AFRL also has large valance driven Synthethic Crystal based Solid-Gas Lasers X-Ray Lasers with water cooled Plutonium Cathodes and anodes. (Probably in storage gathering dust since 1995.) These methods cause electrons to prefer to traverse the coldest states in a constrained to 3 perpendicular axial planes of 2 DOF scattering system. 3 X-Ray Lasers pointed from great distance at the Quantum Computer, renders pulses noise into the circuit.

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X-RAY LASERS

Raymond C. Elton

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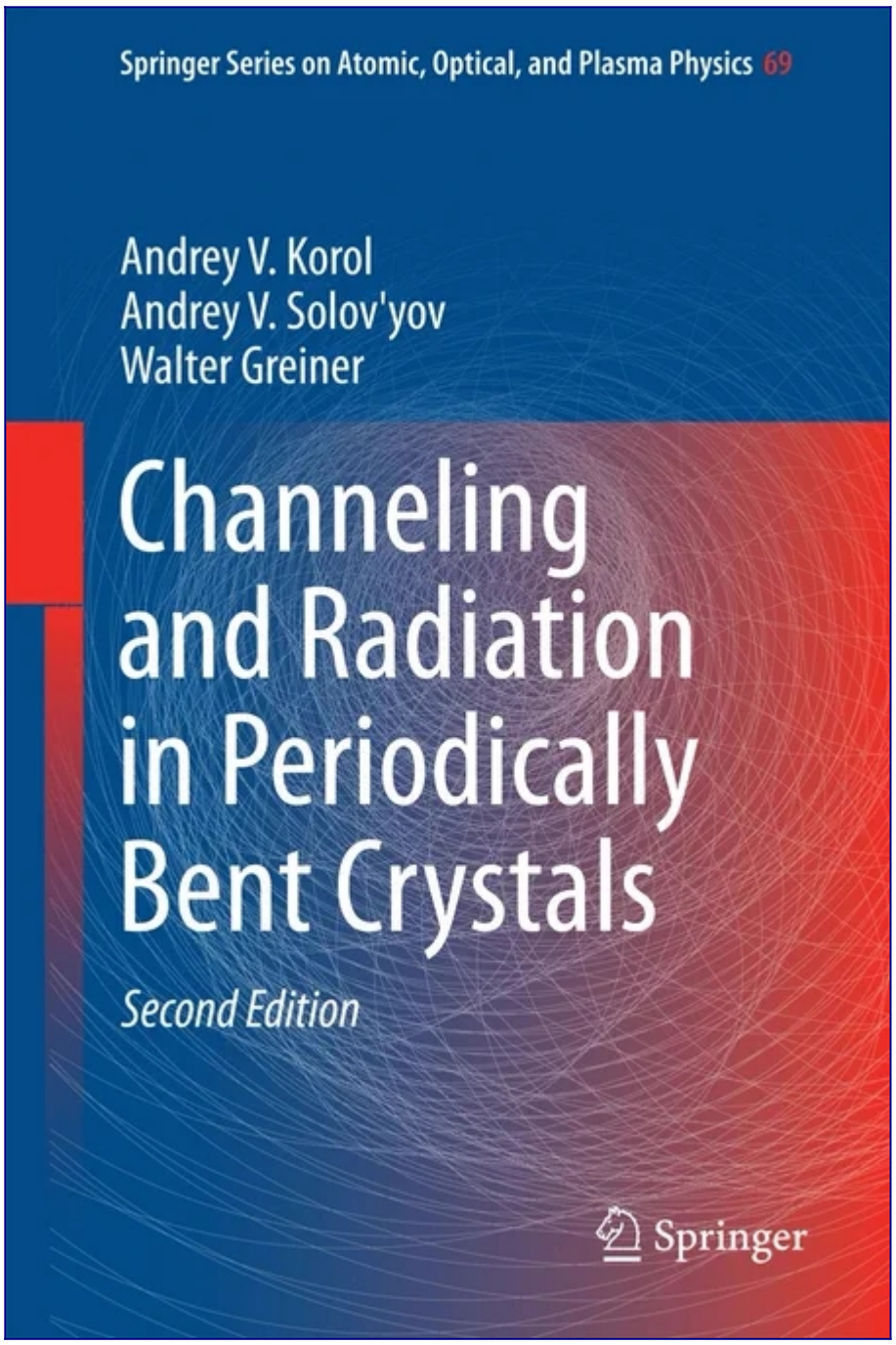
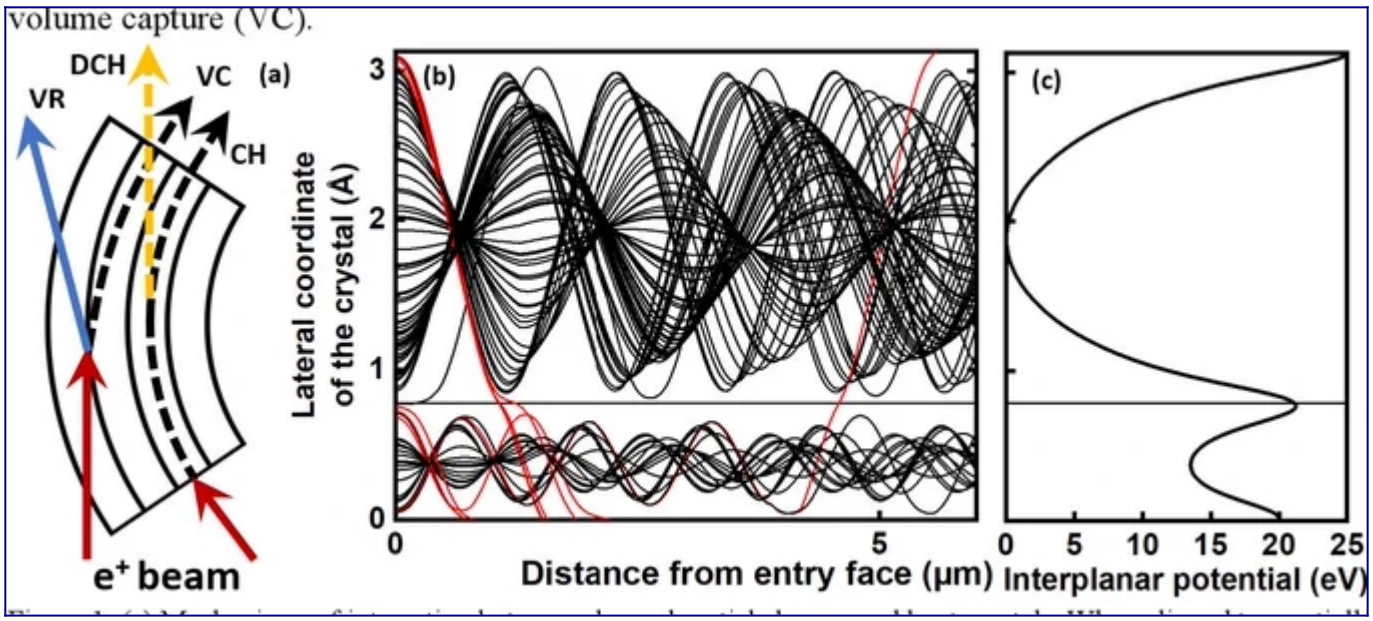

Springer Series on Atomic, Optical, and Plasma Physics 69
Andrey V. Korol
Andrey V. Solov'yov
Walter Greiner
Channeling and Radiation in Periodically Bent Crystals
Second Edition
Springer



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Apr 2025

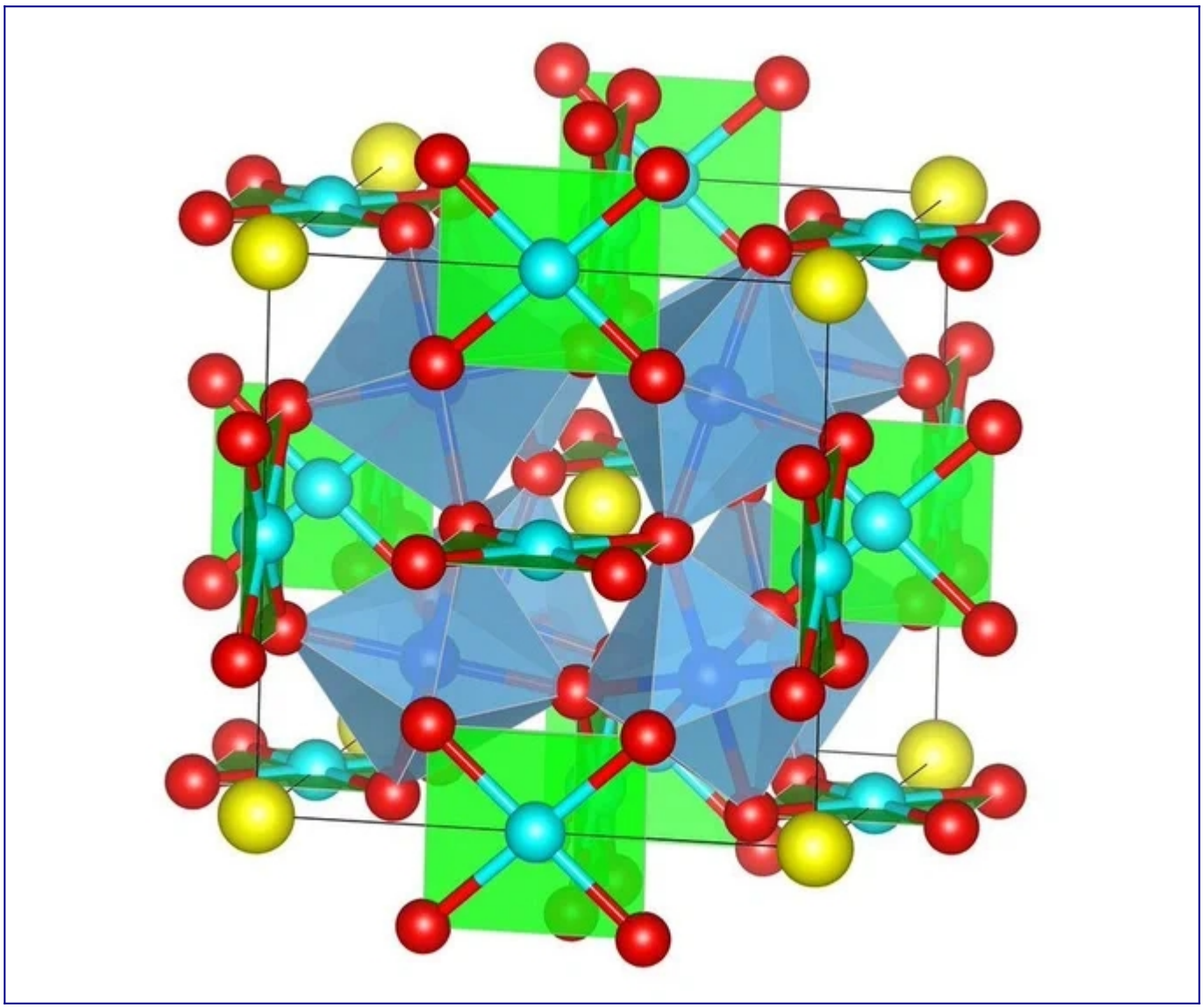
Replying to @MagnetReconnect @Oracleof_Matri

1st encounter of Inertial Wheel Attitude control system was USAF NRO satellite, 1988. They were so Top Secret at that time period. As far as power output devices go I am prejudice toward Solids State Monolithic Crystaline Construction.. SOLID STATE ALTERNATORS.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Apr 2025

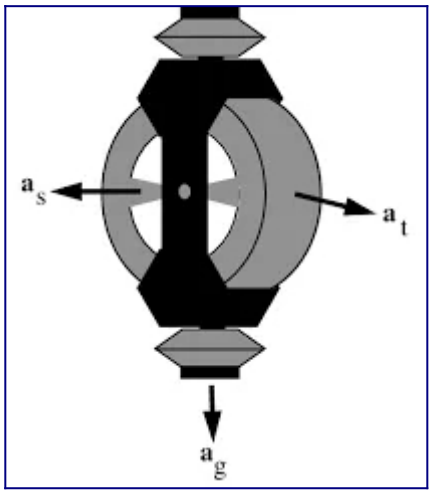
Replying to @CatMan0086560

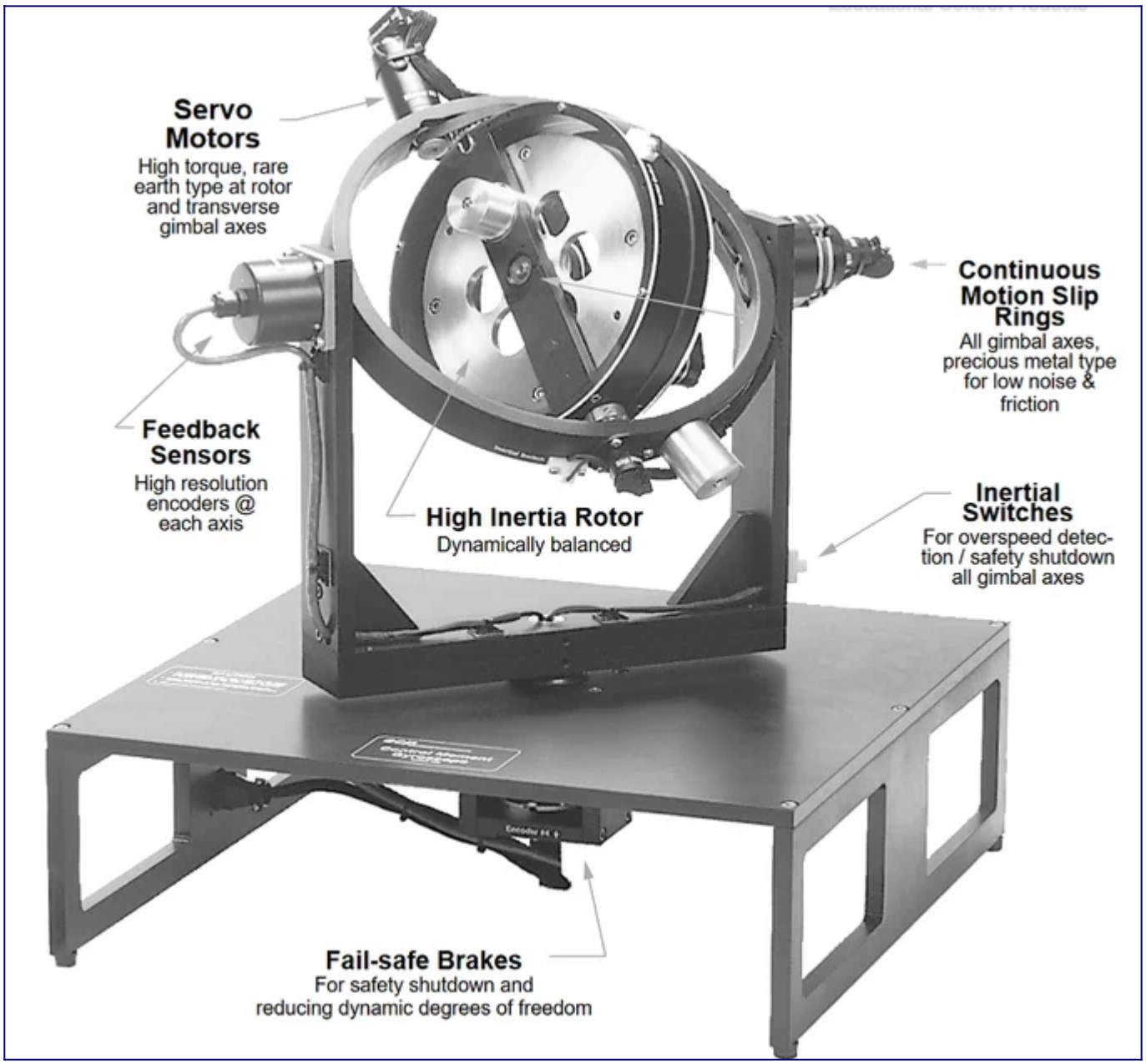
Yes, through Valance Driven Material Manufacturing, any conductor can be given a custom temperature driven conduction resistance gradient. These are designed on a 2D Lattice manufactured material, similar to carbon fiber, but more close tolerance, costly and lengthy Manufacuring steps. A Fence of Oxygen around the Aluminum's house renders his house a room temperature insulator. Butt, as the temperature rises, conduction comes into play. I speak to methods and application of Vapor Deposition, Sputtering, Metal (and semi-metal) Thermal Plasma coating. High end Advanced Materials often start their alloying process in a Czochralski Growth method, then turned back to specific sized magic sand crystals. With Modern Lattice Boltzmann modeling, super Insulators such as Calcium Copper Titanate can be manufactured with 2D crystal methodology.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Apr 2025
Replying to @SpookyMoo @MissSpookyMoo @ashtonforbes
The Plasma Vacuum Bubble methodology utilized in US DOD/DOE antigravity vehicles render a Null in gravitation from the Extremely Low-Pressure Standing Shock Wave/Wake. Your electric Spacecraft is weightless, along with the interior being weightless. This method is a Gravitational Dispersal by a self-generating self-staining Plasma Vacuum Bubble with plasma pressure lower than found in deep space. Even though there is extremely low pressure in space, Space is filled with a massive sea of High Speed and magnetic Ions. And once again, You are weightless in the vehicle when the Buoyancy Command and Control system is energized and stable. The Buoyancy System generates a Finite Field of Domain of Frictionless and inertial less Vacuum, in a spherical electrified bubble, where the H.V. L.F. electricity emitted from the Fuselage skin constructing techniques, push the surrounding adiabatic Media, (atmosphere) away from the spacecraft. The Electrification of the Spacecrafts engineered skin, shoves the atmosphere away from the fuselage. This renders anything weightless. Gravity is a local force found at the interfacial Media transition, ONLY !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Apr 2025

Replying to @AshtonForbes @ashtonforbes
Attitude Command and Control System based on Momentum reaction wheel. A Single Fly Wheel 'cased and caged', within 3+1 Axial cages, representing the Rotary Planes of the Roll, Pitch and Yaw Axis. Each cage has a Screw motor on one Axial end, of each cage, to move the cage's plane of rotation for that Axial Pivot. And the other end of each cage has a Brush block Assembly for power input to the Flywheels motor. The Flywheel's motor has a battery on it's side case to provide a smooth PLL based rotational locks speed. If a DOD/DOE antigravity vehicle has a malfunction and spins in place, the Attitude Command and control system will redundantly De-Spin and prevent father high-rate spin. Today, these vehicles are Spin inhibited by software, that was a critical constraint in earlier years. Optical Camera systems are fast enough to spot the Horizon or Solar Rotational reference information in today's models to assist in rapid De-spin. The Attitude Control System is a Semi-Analog system, it uses moving parts and a fly wheel to Pivot itself around in orientation when in Floaty mode. I





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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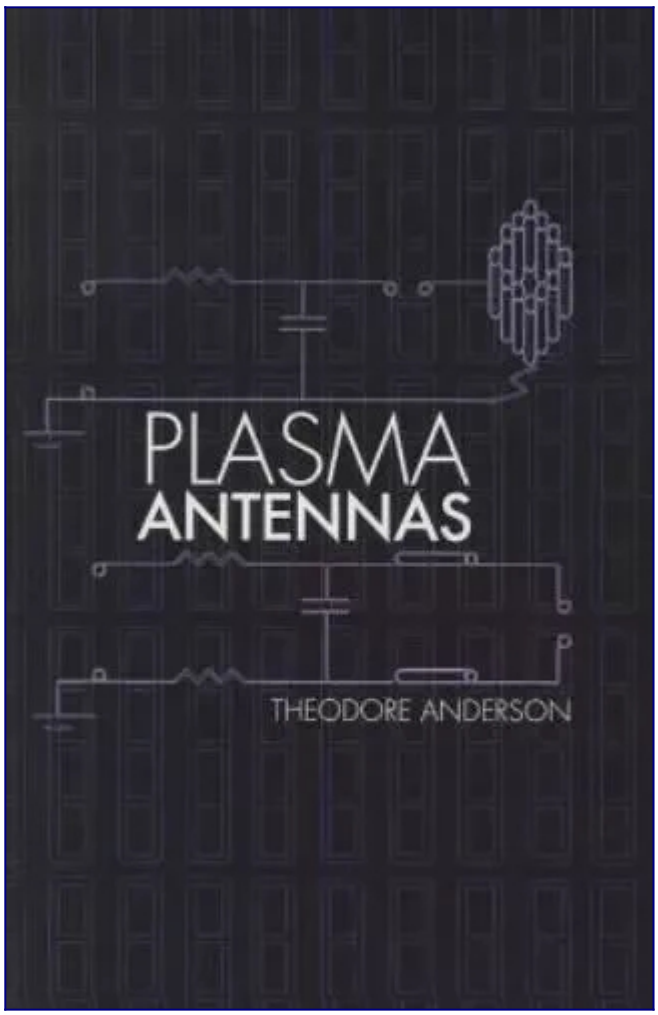
14 Apr 2025
Replying to @AshtonForbes @ashtonforbes
Technical Note on the Tic Tac Axial Rotations, Specifically, the constant 'off axial corrections of Longitudinal axis, about the vehicles moving Vectored axis, (while maintaining original vector), is caused by the Attitude Command & Control Systems inputting new, moving, vectors alignments into the 3 Axial Caged Flywheel's Roll, Pitch and Yaw inputs Momentum planes. The Momentum wheels are cased and 3 Axial cages pivot the inner cage for 3 Axis. (A 4th Axial cage is placed in this system for redundancy of a single system Roll, pitch or Yaw system but Algorithmically "Phased out of the Attitude Resolvers ability to use, unless a Failure of a single cage occurs. This is for future Certifications of Redundancy). 2 possible probabilities for Tic Tac realingment, Comm Link Alignment or to Revector into water, but must slow down due to Media interfacial characteristics of Plasma vehicle's loading up more Dynamics Adiabatic Pressure against the Plasmas internal pressure and needs a slow entry or extinguishment of Plasma bubble could occur if there is not enough Ion Seed Gas emitted, and the Outer Plasma Electron Sheath is Super Thermally

saturated. In the Tic Tac Video, it is a purposeful realignment of Axial deviation from original vector. Prior to Float, or external Plasma build up, the Heavy and Large diameter, (approximately 18 inches and 220lbs) of Momentum Wheel is spun to a PLL lock speed, around 9,000 RPMs. This intimal spin up axis is also a "Caged" reference Axis for the INS reference system. So, as Mr. Floaty Float floats away, the cages begin to move, reorientating the vehicle to the new desired Attitude Orientation. That was a short lesson on antigravity vehicle attitude command and control systems. Navigation input and resolving is an independent system with built in redundancies.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Apr 2025
Replying to @MbengFavour @Queen_primis
God Bless Mbeng Favor !!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Apr 2025
Replying to @Gt5Skier @Connor38240 @GovNuclear
I propose a completely different energy effect, Field Propulsive System in my post. I favor using artificially generate standing wave/wake of electrified Ion Seed Gas plasma VACUUM Bubble. My post are, most understandable to the mechanically inclined and information not found anywhere else, derived from 40 years of engineer experience. I will use Old Classical Wording for Words that are not in common use today. The word Vacuua is a reference to the Aft side of a forward moving wave (Casmir spotted the pull and described it). Aerodynamic Lift is Dynamic Vacuua. A Referential is a set of Boundaries of a Reference point. Used in Wandering Constants. The Speed of Light is a Moving reference with a tolerance that follows the reference point.] The Universe is always moving and nothing in the Universe is Not Moving. To Try and stop the Universe moving, with electricity brings heat. Penning, multipolar Electron Trapping, ect is "Attempting to stop the Universe in various applications." I derive much information from the approximately 8000 monographs in my personal reference collection. I have been reading this material with eager consumption since I was young and realized I could build an Electric Spaceship that can fly like a blimp. I was having fun till the CoVid Nazis came along. Hey CoVid Nazi's do the math. 🦆 - D + F = U
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Apr 2025
Replying to @MagnetReconnect @GovNuclear
Personally, I favor Heated Superconductors. They a more efficent in Conduction but at the cost of heating. You construct the Heated Superconductor as part of Intergrated Chips in one application. It's used in the method I describe in my post. Specifically, the methods to engineer the fuselage skin as a large HV LF Semi-Conductor, by geometric arrangement of insulating and conducting materials along with placement of 2 Dimensional skin heaters on a layer of thermoelectrically cooled magnetic coil for polar radial field projectors in a monolithic layer method of valance driven Ion Thermal Plasma Spray Process, whose field controls the holding the electron lattice's standing wave, to a 2 Dimensional oscillation in the Laminar flow area. The engineering requires a layering process or Valance driven Layering such as 90 nm Zirconia, 10nm Alumina, 2 nm, ect to Amplify Coulomb Screening (@$$ Grabbing) distance. It is not complicated to make unusually strong Super-Electrets within the grain structure of the fuselage skin, but it requires skin heating to Check

the Flow of High Voltage in a manner consistent with Plasma Vacuum Bubble stability.
journals.aps.org/prb/abstrac…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Apr 2025
Replying to @WisdomWalker @wisdomwalker @TruthSeek01011
In 1953, DOD engineers added a Momentum Wheel Attitude Control System to crude antigravity vehicles. Momentum Wheels were a classified technology until 1994 NSA authorization to allow them to be installed on satellite for accurate station keeping. The Military industrial Prostitution and Cocaine Complex wanted to prevent the knowledge of accurate Attitude stability system falling into Soviet Engineering hands.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Apr 2025
Replying to @RobertKennedyJc
Is the FDA going to remove the moratorium, from the 1970's on Insulin Releasing Hormone, IRH1? Why does IRH1 hide behind classification? Why does FDA have a Information Classification System anyway? A mild diabetic, with a low functioning Pancreases, given Insulin Releasing Hormone, IRH1, will have a healthy pancreas after 3 months. No document at CDC or FDA should be classified. This classification information system and private Classified briefing to Congressional personnel inhibit wise decision as CoVid Hoax played out with Bioweapon and information suppression. End FDA and CDC Information Classification systems now !!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Apr 2025
Replying to @GovNuclear
US DOD/DOE antigravity spacecraft designed in 1994 reduced travel time to Mars, to less than 8 hours. There will be no disclosure.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Apr 2025
Replying to @psybrCO @travisstaylor1
Thermal Ionic Emission from Antenna. Incandescently Heated Antenna, Up Radiated Power for same output, in comparison to conventional antenna. Heated antennae have Spherical Radiation Patterns regardless of any Local Reflector. The local Reflections are damped and absorbed; then the 'previously local reflected energy' is recycled, blended with the main Propagating Signal. Best applications for Heated antenna are Plasma Stability and Control Systems. Plasma Antennas are similar, but Incandescent Heated Sintered Thoria coated antenna can be fed Ion Seed Gas.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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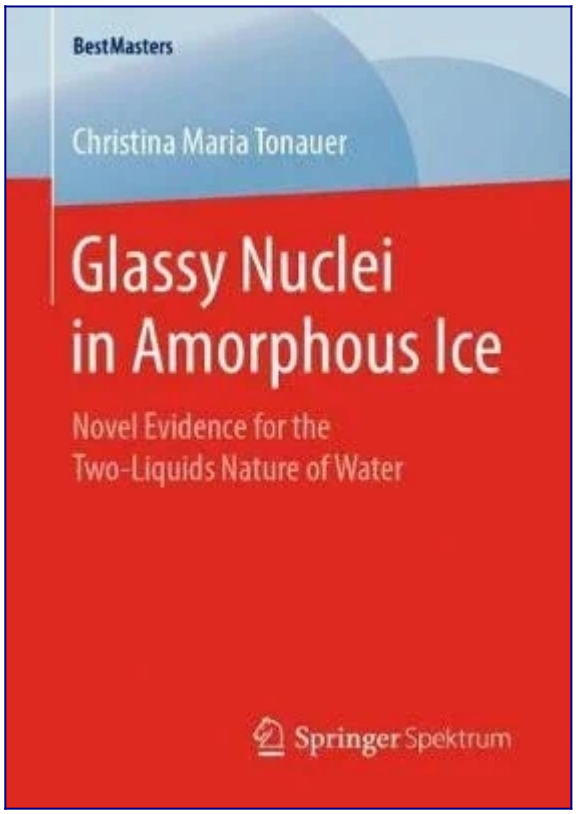
12 Apr 2025
Replying to @AshtonForbes @ashtonforbes
Nuclear Force Transport rides either a Expanding or Contracting Wave Front. Kinetic Transport trades Heat and Cold for the Transport Force. We falsely teach 4 Nuclear Forces with 2 False Forces, the Strong and Weak Nuclear Force. I was instructed to NOT research 4 Nuclear Forces when at AFRL. The Strong and Nuclear Force have no Modeling or Scientific Evidence for Validity. When you look at the Academic Foundation of the 'Theory of 4 Nuclear Forces', you find shoddy and false conceptual theory, Massive amounts of PhD Thesis filled with Errors of Observation with False assumptions. There is no Validity for wrong guesses. There are only 3 Nuclear Transport Forces. The Electron Domain, the Magnetic Domain and the Kinetic/Thermal Domain of Expanding or Contracting Forces. The Heat that was in the area, just in front of MH370 had the Thermal Energy, transported, leaving a Vacuua of Cold.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Apr 2025
Replying to @travisstaylor1
Paywalls. Restricted research and Security Classification of Private research has cripple US Academia to look like a Retarded Loon. I wrote a textbook in 2011, on Incandescently Heated Antenna's and was hit with a DOE injunction after getting approval from USAF. They placed a

restriction on publication of my private research. Properly tuned Incandescent Antenna are Force Multipliers of Transmitted signal and a Critical Components in DOD/DOE Antigravity vehicles.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Apr 2025
Replying to @TMBSPACESHIPS @wisdomwalker



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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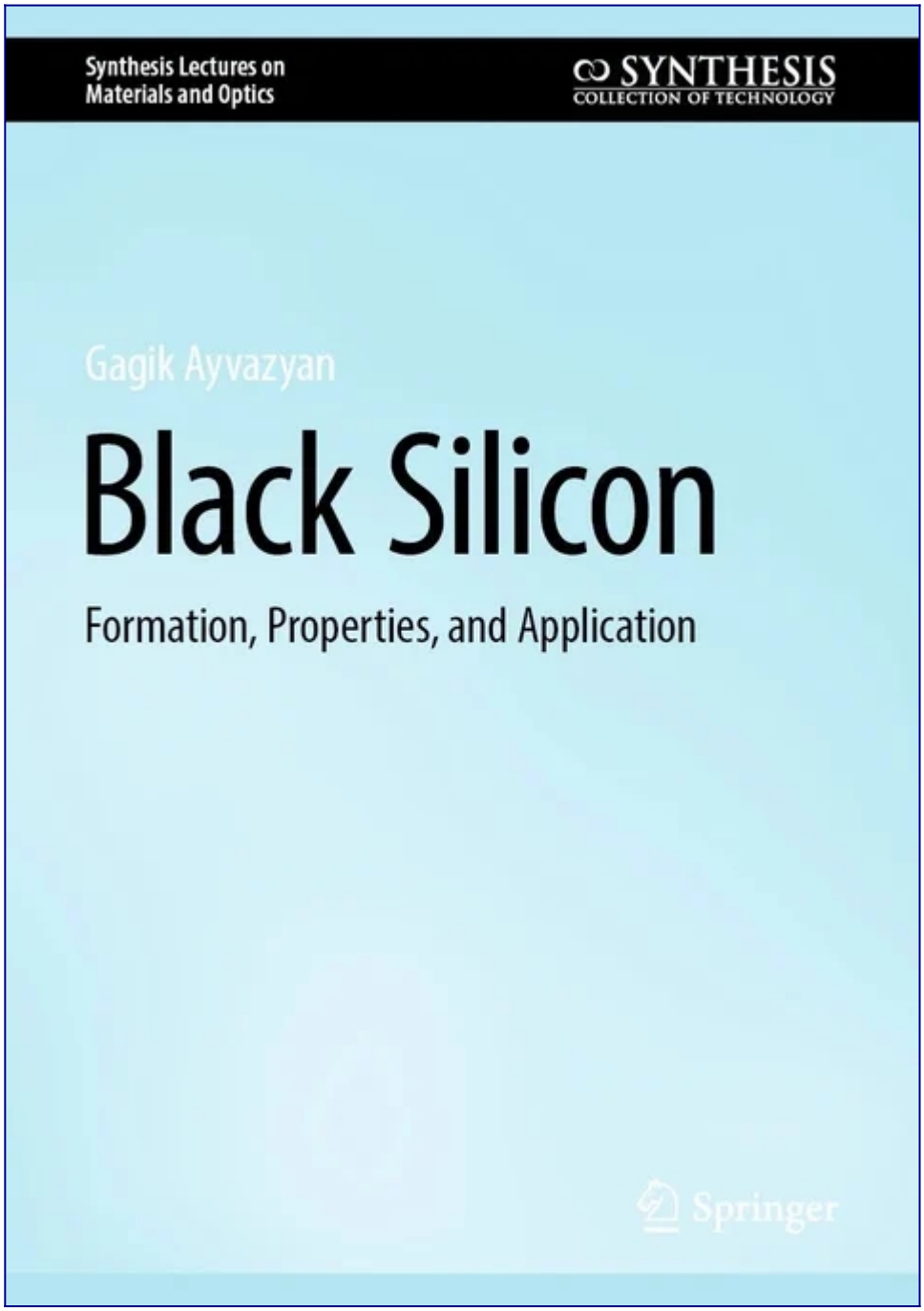
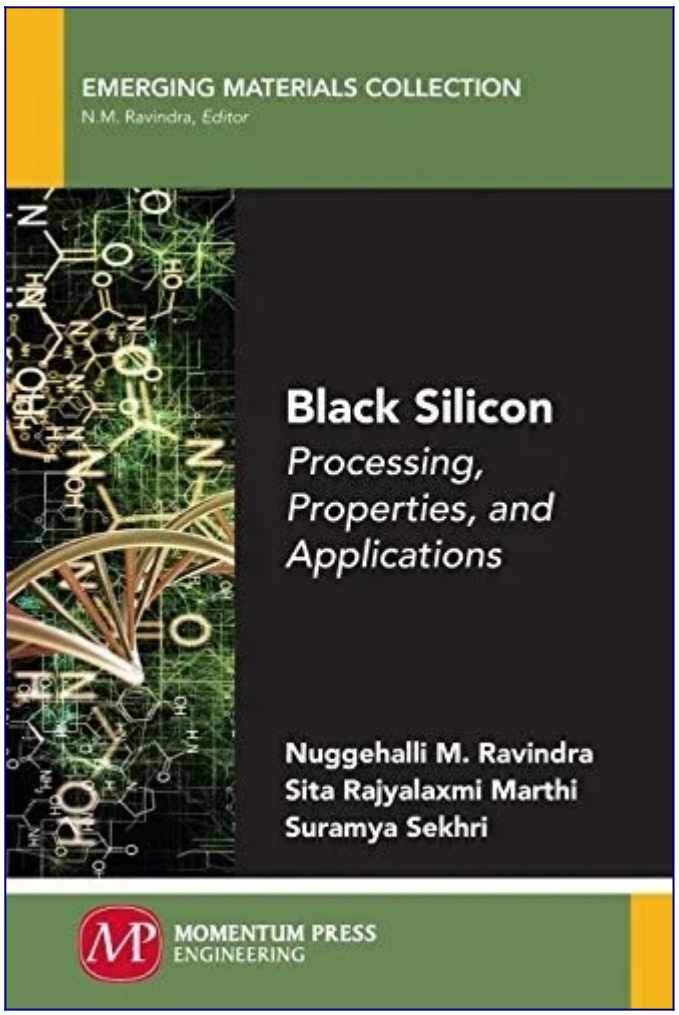
8 Apr 2025
Replying to @WisdomWalker @wisdomwalker
Note on Fuselage Skin coatings and effects. There are many other techniques that are incorporated into the Spacecrafts Fuselage skin, Hull, but it becomes confusing to teach at the beginning. You can expand the central Field, at the mid point, with Electro-Negative Electrified materials to become very Ambipolar (forcing Polarity on a Neutral Electron or Neutral Ion) Diffusive. With Plasma Thermal Spray, you can spray Dielectrics and Superconductors into the surface, giving heat tracks that favor the Laminar Oscillating Ion but are prejudice against free roaming homeless electrons. Using Glassy Coatings, such as Amphoras Black Silicone, increase efficiency in float. Engineering is driven to design a Fuselage Skin that Functions as a High Voltage and Variable Frequency Semi-conductor. At current Technoloy level, Hexagonal or Octagonal Skin panels that incorporate a HV HF emitter with high temp heater, ≈ 1000°F to 1500°F. Temps can be lowered to 300°F if Urania and Thoria Glass are used in a Amphoras Kinetic/Thermal Semi-Conductor. To Form the Anaphors Layer, a High Density layering is applied and glazed liked Glass, in layers with Vapor deposition, then laser etching, then sputtering, then other things like vapor deposition of the heaters wiring arraignment with VD resistors built into the layup. After Final Layering Application processing, the hexagonal or octagonal panel, with Chrome-molly Backing Plate, is placed into a

vacuum Furnace under high noble gas pressure. As the Amphoras glaze settles into a "Plasticy" 3 point state, the Backplate is gently vibrated and Electrified with a Negative charge in respect to the walls of the vacuum deposition chamber. The Negative charge and mild ultrasonic vibration set up an electric Grain in the materials static Magnetic domains. This amplifies the materials Coulomb reach, (Screening). As the Plasticly Amphoras Glassy structure achieves a critical stability in thermal equilibrium, while the panel is electrified, while the Gassy surface is still in a 3-point plastic thermal of flow stability, the Nobel gas pressure is released and as the temperature lowers a vacuum is placed on the semi-solidified Glassy material, further stressing the ELECTRETE's Electrostatic Tension. This places a sea of Electron "Holes" into the Glassy outer surface. The Grain flows only outward, like a diode, if manufactured correctly and will conduct electricity, with mild resistance, at room temperature.

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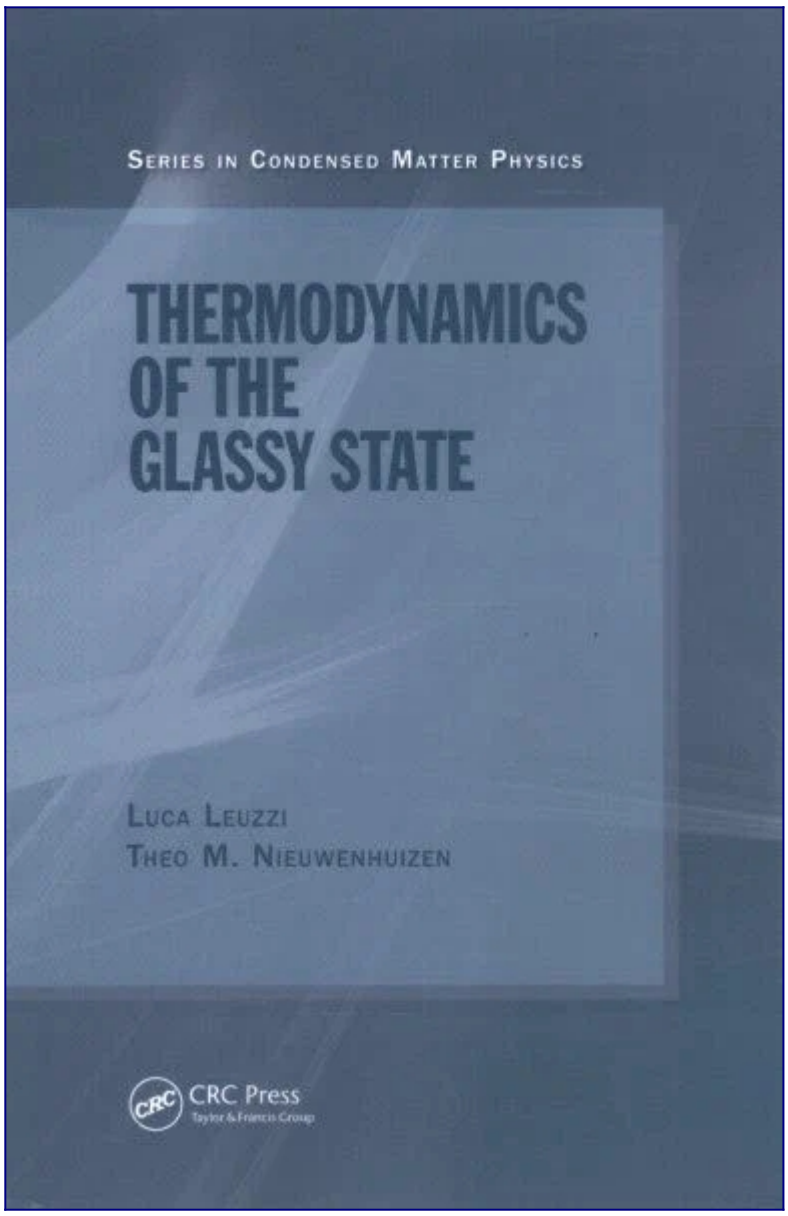
SERIES IN CONDENSED MATTER PHYSICS
THERMODYNAMICS OF THE GLASSY STATE
LUCA LEUZZI
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CRC Press
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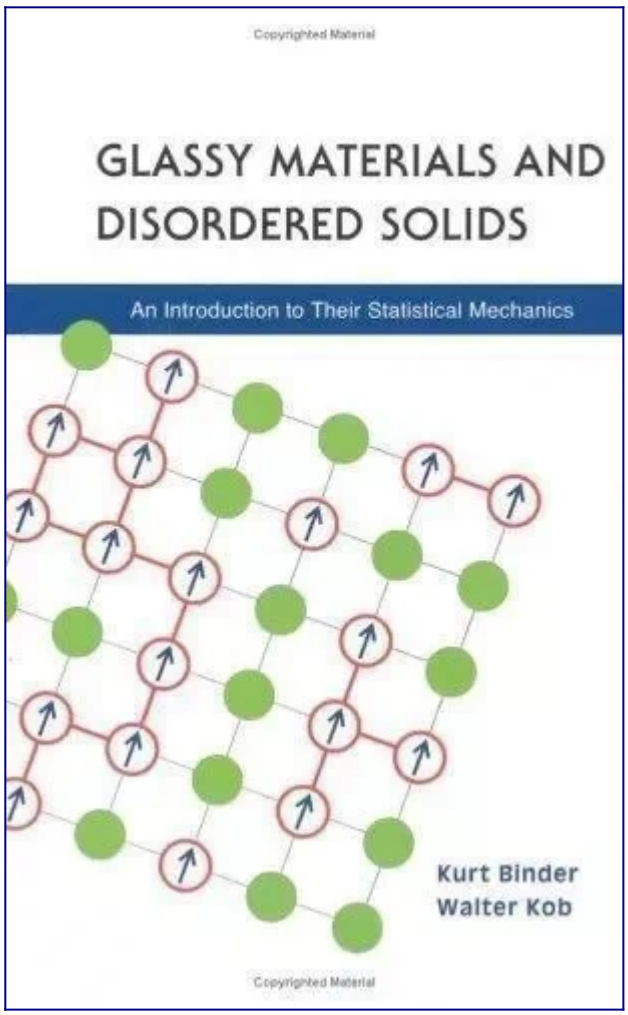

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @ChiefDinger @DamonRiddle3
To use Capacitor for the large Surface area, you must Clamp max voltage at 2.5 times less than specified Capacitor voltage rating as the load of the current will overheat and melt the capacitor. The Thermal component of magnetic reconnect does not present itself as an Engineering Constraint, in the plate type design. The Engineering related to, substituting the large surface area plates with a capacitor of large surface area, (Supercapacitors), the engineering drives you to small value ceramic capacitors. We don't currently have Supercapacitors of High Value that have Pyrolytic resistant Dielectrics. The Mesosonic renormalizing wave front has a massive thermal front on the forward side of the magnetic reconnect wave (return to ground state). The Thermal wave front is what Angularly Aligns the Electrons in the Field, to force the Electrons into the Plates, which then channels the excessive charge (Kinetic/Themal) toward your Load. In these techniques, Nature prefers to show you it's force with very large Sheets of Aluminum. I burned through thousands of USAF dollars trying Capacitors and found, 'the lack of redundant safety in failure', a Engineering constraint. Due to the destructive wave characteristics in renormalizing a shockwave in a 2D material, Capacitors cannot be substituted for the surface area in Solid state alternators. Solidstate Monolithic Crystal based Lattice "Brick" based Solidstate Alternators are available from USAF AFRL for covert projects. Beat reason for the 2-plate method is, You get the Volumetric Ion Mass from Both Plates to bounce your shock between.
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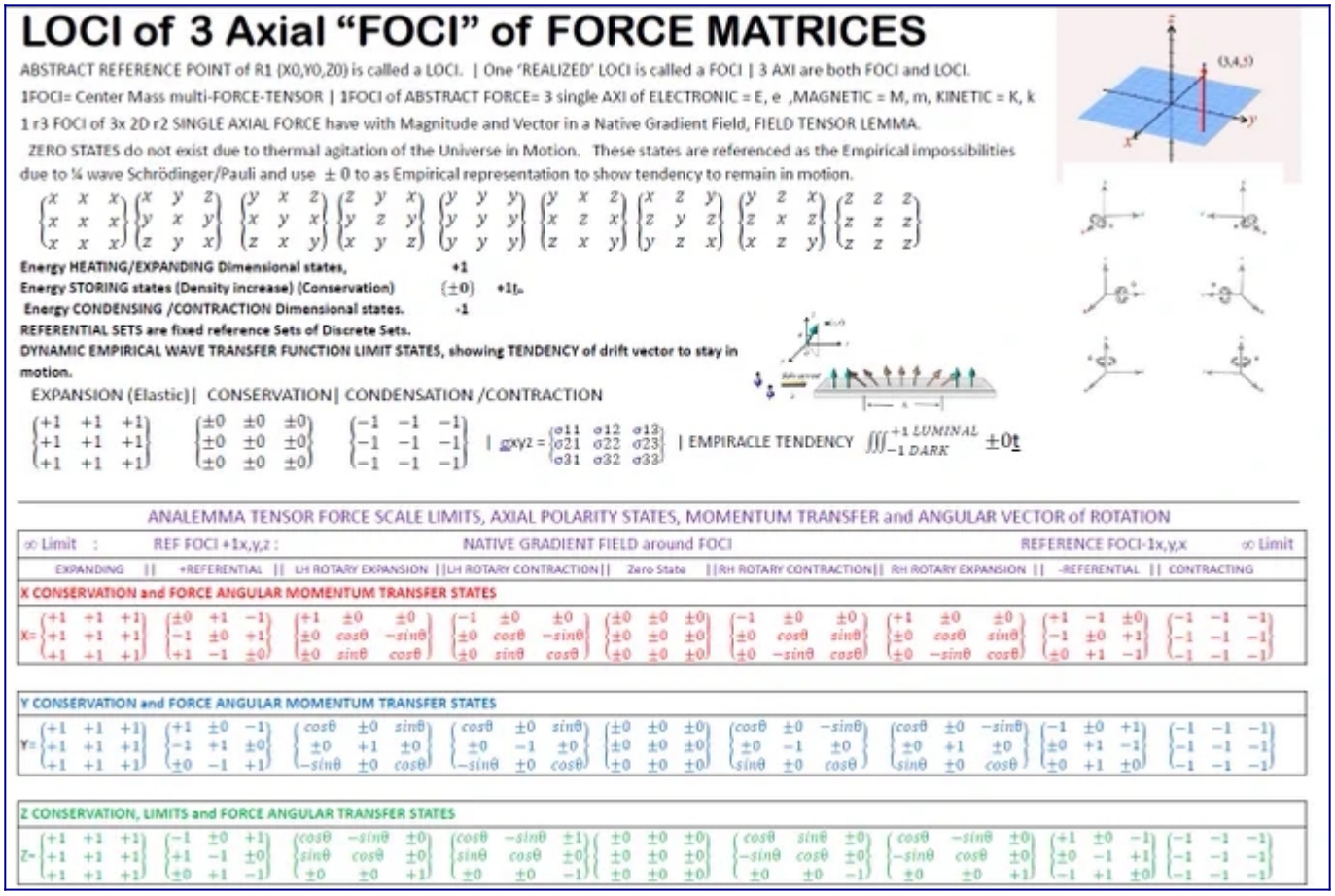
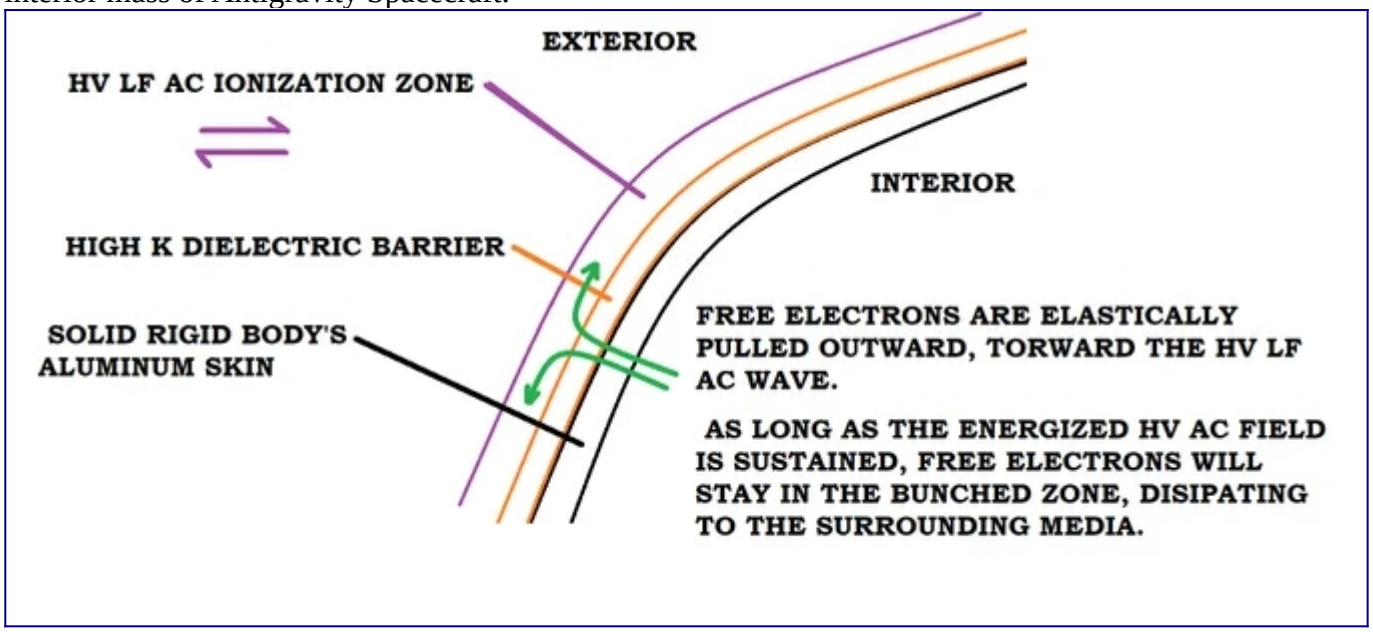
6 Apr 2025
Replying to @DamonRiddle3
In the Casimir Effect, to extract Electron from the 2 plates, you don't have to pull them apart. You get them close together but not touching. Distance apart is .005" to .010" apart. Then, between the Plates, a non-linear shock, Captive Discharge, is introduced. (like furnace igniter switched with IGBT) (power input < 100 milliwatts) If you have a massive surface area of PLATES, which can be engineered into the material. The Massive Volumetric surface area of each plate will Polarize opposite of the plate next to it. For fractions of milliseconds Large Currents will redistribute the Initial upset, as the Electron go back to renormalized/reconnected to where they like to set before the shock came through.(Parent Origin of Magnetic Domain) They plates don't actually need to be pulled apart. They are "Relativistically/Electrostatically", pulled apart (Polarized) with a Tiny Electrical arc discharge, between the plates, bunching electrons into regions on the plate. Nature pulls the Charges back to where they belong. This is just one method Utilized in advanced Power generators. This class of Device is called Solid State Alternators. Remember, Large Surface areas, very close together, not touching, then introduce tiny electric captive or resonate discharge. Then Both Plates become a Current source for several milliseconds, That is when you 'sync you LOAD' !.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @WisdomWalker @wisdomwalker
I'll make a Maxwellian version of the Cube for you, It may take a month or 2. I don't use C or C in Permeability. I break it apart discretely. Think about the confusing statement, "In reference to vacuum wavelength." I see this statement in many poorly written text books. If the whole universe is in motion, from some initial oscillation, then the initial oscillation never ended. When using a fixed Reference, "C", for the moving universe, you must Eikonally correct Velocity across all media and the gradient of media (Density correction) to represents 1 hertz in propagation in those defined conditions. If a reference standard is fixed with no tolerance, but the standard is, in reality, moving as an average mean, not fixed, then your following a false reference system. So the Cult of "C" call 'Heresy' when I discretely handle time as found in all Plasma Physics Books dealing with Mesoscale forces (Ion to Electron Kinetic Coupling Scale).
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @WisdomWalker @wisdomwalker
This goes with that last post.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @WisdomWalker @wisdomwalker
Replace X with E, Y with M and Z with Kinetic/Thermal axial force. When you see all Zeros, your in Equilibrium. A + or - 1 is Force in Transit. You can sum the matrices variable sets to rapidly determine media Wave transport in Field. A Sum of all +9 in the Matrices is a Positive Wave movement. A -9 is a Wave going into reconnect/renormalization. This Model is geared toward tracking every electron and fractional electron in finite quanta. The Cube to Cube Eikonal correction Follows the Scale Invariant Properties of Nature's "Field around a point."
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @WisdomWalker @wisdomwalker
First run it Visually in your mind. This helps you follow where you are at in Modeling.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @Mukshud @mukshud
MK ULTRA NUDIBRACHS.

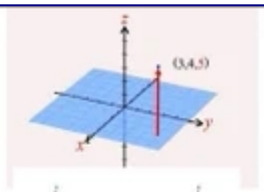
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @AshtonForbes @ashtonforbes
Lasers are not needed. I prefer Bunched Electrons in Application of Plasma Research. Lasers apply their energy to POINTs. A Bunched Field of Electrons can be made to oscillate excessively, spilling

Electrons outside of the Boundaries of Oscillation. Bunched Electrons can be Velocity-Bounded and Driven, Oscillated, to present any frequency of Light.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Oscillating Laminar Plasma Currents drag, (Scavenge), Free and lightly Bonded Electron from the interior mass of Antigravity Spacecraft.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Apr 2025
Replying to @WisdomWalker @wisdomwalker
The Cubical model Solves all 3 or more Body tracking Problems. All Bodies variable set have their own Native Gradient of Field Variable set in the outer 26 Cubes sets. (They Point in one collective direction only; the Centroid Variable holds current momentum vector, and the outer cubes show outside influence. The cubical modeling method reflects Newtons Principals: An object in motion will remain in motion, until acted upon by the outside force. You must Discretely model the Gradients of Field across a Eikonal conversion 3 x 3 x 3 cube when there are 3 or more bodies. (You place a extra 27 variable set Cube between you and all objects when working the '3 or more' Body Tracking problem. The added Eikonal Media Correction, when doing 3 or more Body tracking, is to catch Non-Linear Field Gradients, (Shock, diffusion and dispersal), so as to "LINE Up" the Group Velocity, ANGULAR and PHASE CHANGES from the Eikonal media corrections that occur as soon as the forces of the tiny, tiny non-sum momentum of near zero, crosses equilibrium. But my model specifically show Gravitation as a Interfacial Media action only. A field around a point. You can Place the Electric Field, Magnetic Field and Kinetic Field into matrix and see how the E and H field are Rolled along phase, in the Axis of Propagation.

LOCI of 3 Axial "FOCI" of FORCE MATRICES



ABSTRACT REFERENCE POINT of R1 (X0,Y0,Z0) is called a LOCI. | One 'REALIZED' LOCI is called a FOCI | 3 AXI are both FOCI and LOCI.

1FOCI= Center Mass multi-FORCE-TENSOR | 1FOCI of ABSTRACT FORCE= 3 single AXI of ELECTRONIC = E, e ,MAGNETIC = M, m, KINETIC = K, k

1 r3 FOCI of 3x 2D r2 SINGLE AXIAL FORCE have with Magnitude and Vector in a Native Gradient Field, FIELD TENSOR LEMMA.

ZERO STATES do not exist due to thermal agitation of the Universe in Motion. These states are referenced as the Empirical impossibilities due to ¼ wave Schrödinger/Pauli and use ± 0 to as Empirical representation to show tendency to remain in motion.

$$\begin{Bmatrix} x & x & x \\ x & x & x \\ x & x & x \end{Bmatrix}\begin{Bmatrix} x & y & z \\ x & y & y \\ z & y & x \end{Bmatrix}\begin{Bmatrix} y & x & z \\ y & x & x \\ z & x & y \end{Bmatrix}\begin{Bmatrix} z & y & x \\ y & z & y \\ x & y & z \end{Bmatrix}\begin{Bmatrix} y & y & y \\ y & y & y \\ y & y & y \end{Bmatrix}\begin{Bmatrix} y & x & z \\ x & z & x \\ z & x & y \end{Bmatrix}\begin{Bmatrix} x & z & y \\ z & y & z \\ y & z & x \end{Bmatrix}\begin{Bmatrix} y & z & x \\ z & x & z \\ x & z & y \end{Bmatrix}\begin{Bmatrix} z & z & z \\ z & z & z \\ z & z & z \end{Bmatrix}$$

Energy HEATING/EXPANDING Dimensional states, $+1$

Energy STORING states (Density increase) (Conservation) (± 0) $+1t_n$

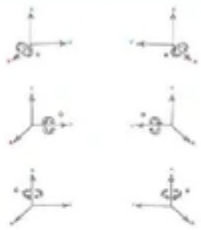
Energy CONDENSING /CONTRACTION Dimensional states. -1

REFERENTIAL SETS are fixed reference Sets of Discrete Sets.

DYNAMIC EMPIRICAL WAVE TRANSFER FUNCTION LIMIT STATES, showing TENDENCY of drift vector to stay in motion.

EXPANSION (Elastic)| CONSERVATION| CONDENSATION /CONTRACTION

$$\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\quad\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\quad\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}\ |\ gxyz = \begin{Bmatrix} \sigma 11 & \sigma 12 & \sigma 13 \\ \sigma 21 & \sigma 22 & \sigma 23 \\ \sigma 31 & \sigma 32 & \sigma 33 \end{Bmatrix}$$ | EMPIRACLE TENDENCY $\iiint_{-1\ DARK}^{+1\ LUMINAL} \pm 0\underline{t}$



ANALEMMA TENSOR FORCE SCALE LIMITS, AXIAL POLARITY STATES, MOMENTUM TRANSFER and ANGULAR VECTOR of ROTATION

∞ Limit :	REF FOCI +1x,y,z :	NATIVE GRADIENT FIELD around FOCI	REFERENCE FOCI-1x,y,x	∞ Limit

EXPANDING	+REFERENTIAL	LH ROTARY EXPANSION	LH ROTARY CONTRACTION	Zero State	RH ROTARY CONTRACTION	RH ROTARY EXPANSION	-REFERENTIAL	CONTRACTING

X CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

$$X=\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} \pm 0 & +1 & -1 \\ -1 & \pm 0 & +1 \\ +1 & -1 & \pm 0 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & -sin\theta \\ \pm 0 & sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & -sin\theta \\ \pm 0 & sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & sin\theta \\ \pm 0 & -sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & sin\theta \\ \pm 0 & -sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} +1 & -1 & \pm 0 \\ -1 & \pm 0 & +1 \\ \pm 0 & +1 & -1 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

Y CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

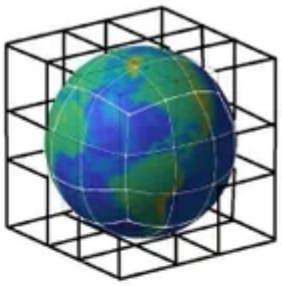
$$Y=\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & -1 \\ -1 & +1 & \pm 0 \\ \pm 0 & -1 & +1 \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & sin\theta \\ \pm 0 & +1 & \pm 0 \\ -sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & sin\theta \\ \pm 0 & -1 & \pm 0 \\ -sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & -sin\theta \\ \pm 0 & -1 & \pm 0 \\ sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & -sin\theta \\ \pm 0 & +1 & \pm 0 \\ sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & +1 \\ \pm 0 & +1 & -1 \\ \pm 0 & +1 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

Z CONSERVATION, LIMITS and FORCE ANGULAR TRANSFER STATES

$$Z=\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & +1 \\ +1 & -1 & \pm 0 \\ \pm 0 & +1 & -1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 0 \\ sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & +1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 1 \\ sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & -1 \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} cos\theta & sin\theta & \pm 0 \\ -sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & -1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 0 \\ -sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & +1 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & -1 \\ \pm 0 & -1 & +1 \\ -1 & +1 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

SECTION E ANALEMMA

EIKONAL MAPPING FIELD-WAVE in surrounding MEDIA AGER (K AXI tables only show.)



4 TYPES of AGER MEDIA, SOLID, LIQUID, GASS, VACCUM r^3/PLASMA r^3 (K Adhesion)

DIAGRAM of ORTHOGRAPHIC OPERATION for AGER or ARGOS derivatives.

1AGER = 1 vector of REALIZED FIELD-WAVE FOCI r3 variables.

R2 Function $(+x\text{-}x)^2 + (+y\text{-}y)^2 + (+z\text{-}z)^2\text{-}c^2(t'_2 - t'_1) = 0$.

Improved R3 Function $((\sigma+x\text{-}x)^3 + (\sigma+y\text{-}y)^3 + (\sigma+z\text{-}z)^3) / (t'_2 - t'_1)$

We perceive continuous ¼ wave of a Displacement in the Permittivity of Free Space.

MAPPING of a FIELD (WAVE) around an ABSTRACT POINT by taking BLOCH'S SPHERE to a whole new level.

WHERE: F=Front | T=Top | L=Left | M=Middle | R=Right | B=Bottom | A=AFT | C=Center

Center Cubical FOCI = xCenter, yCenter, zCenter (6 sided Cube with 27 Cells)(Can Put Infinite Cubes(Variables) inside Cube(Variables) and on, and on, and on,

Center Cubical FOCI Stores (Elastic) or Releases energy ($t'_n + e$). Center FOCI+r2=3D Spaceship Variables | Torsion & Shear transfer conventionally.

CUBICAL AGER SURFACE FORCE of ANGULAR TRANSFER ARRAY ANALEMMA

Σ=XYZ + AXI FIELD MOVEMENT only MATRICES

ARGOS of MATRICES

FRONT r^3 AGER MATRICES **X AXI APEX** **AFT r^3 ARGER MATRICES**

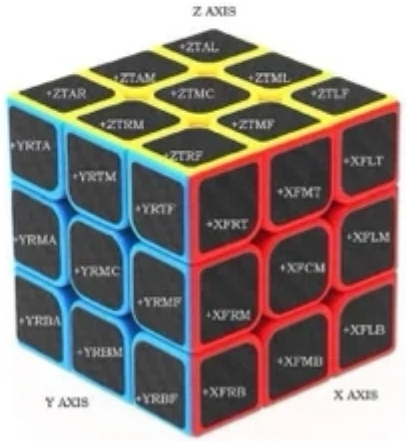
$$\begin{Bmatrix} +XFRT & +XFMT & +XFLT \\ +XFRM & +XFMC & +XFLM \\ +XFBR & +XFBM & +XFBL \end{Bmatrix}\ OPPOSES\ \begin{Bmatrix} -XART & -XAMT & -XALT \\ -XARM & -XAMC & -XALM \\ -XABR & -XABM & -XABL \end{Bmatrix}$$

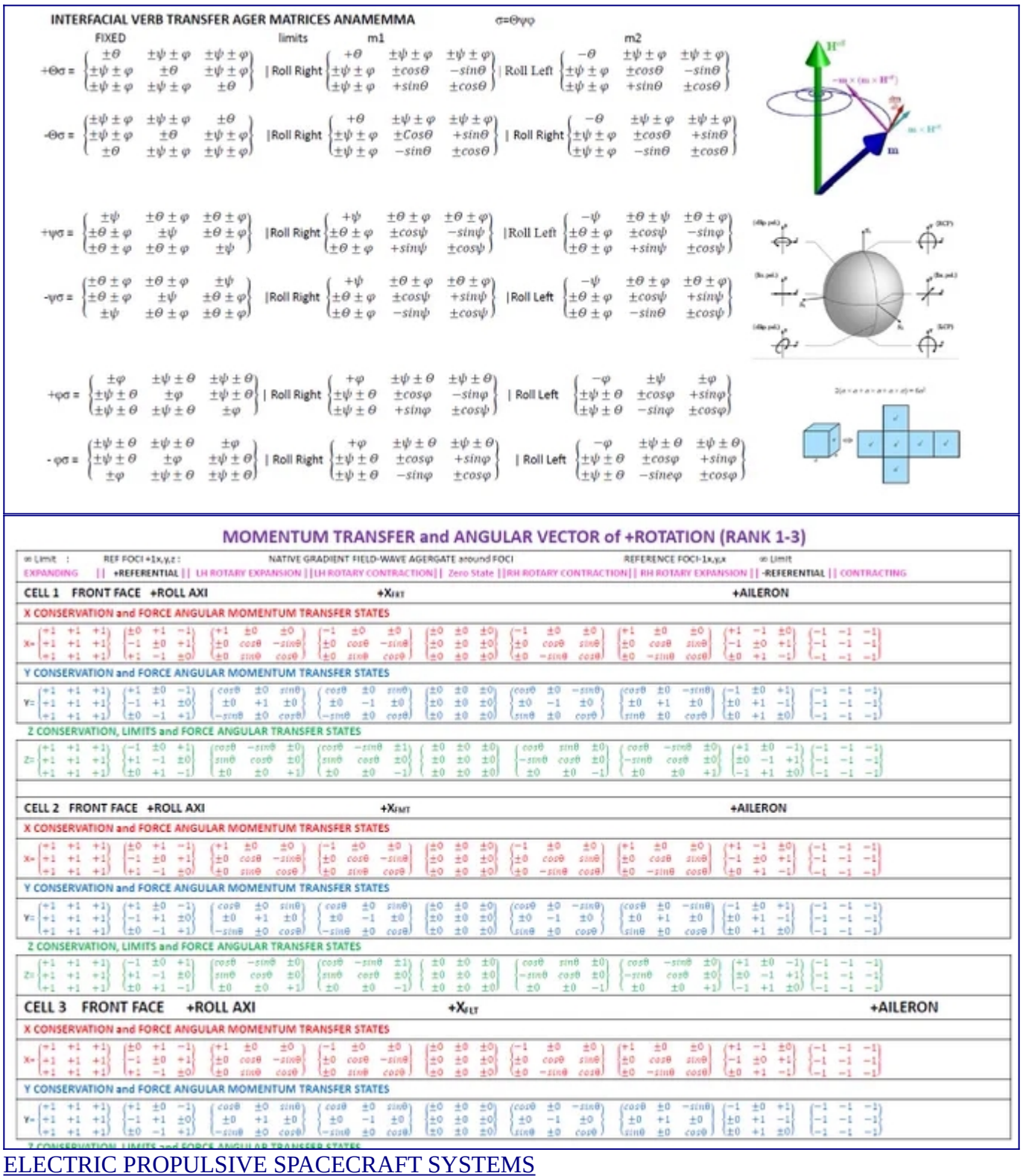
RIGHT r^3 AGER MATRICES **Y AXI APEX** **LEFT r^3 AGER MATRICES**

$$\begin{Bmatrix} +YFRT & +YFMT & +YFLT \\ +YFRM & +YFMC & +YFLM \\ +YFBR & +YFBM & +YFBL \end{Bmatrix}\ OPPOSES\ \begin{Bmatrix} -YART & -YAMT & -YALT \\ -YARM & -YAMC & -YALM \\ -YABR & -YABM & -YABL \end{Bmatrix}$$

TOP r^3 AGER MATRICES **Z AXI APEX** **BOTTOM r^3 AGER MATRICES**

$$\begin{Bmatrix} +ZFRT & +ZFMT & +ZFLT \\ +ZFRM & +ZFMC & +ZFLM \\ +ZFBR & +ZFBM & +ZFBL \end{Bmatrix}\ OPPOSES\ \begin{Bmatrix} -ZART & -ZAMT & -ZALT \\ -ZARM & -ZAMC & -ZALM \\ -ZABR & -ZABM & -ZABL \end{Bmatrix}$$





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Replying to [@WisdomWalker](#) [@wisdomwalker](#)

To Extend to D3Q27 to a D3Q76, this would require Eikonal conversion of vectors and Orthographic transfers across the geometric field. To make finer detail is only needed when working with Fraction Electrons,(Bosons ect..) This comes into play when Engineering Spacecraft for vast distances.

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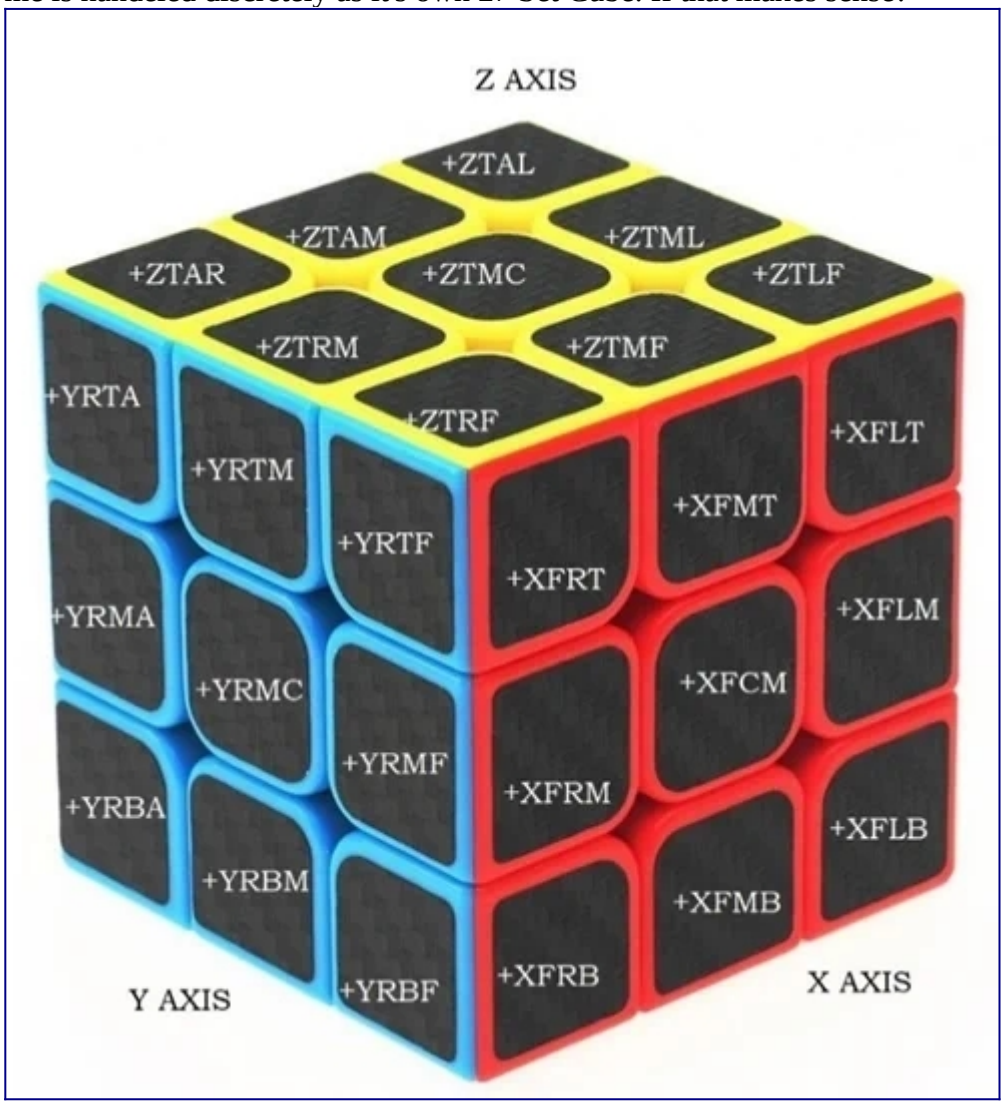
Replying to @WisdomWalker @wisdomwalker
In Plasma Modeling of Electric, Magnetic and Kinetic (Thermal) I developed a Right Hand Rule of Nuclear Force Transport that follows Natures pattern of a Field around a Point. The 3 x 3 x 3 Cubical array interfaces to another Cube for Kinetic Force transfer and they scale cube to cube to solve many body problems with native field gradients around each tracked body. The Centroid Cube is the Parent Variable, and the outside "INTERFACIAL" influence is the surrounding 26 cubes. Say I want to model my spacecraft in orbit next to your spacecraft. I pick my spacecraft, the 27 set Cube, as the Reference point. My Parent Cube's surrounding 26 Cubes represent the surrounding Exothermic or Adiabatic Media. This also determines my Ion and Electron 'local density' on the spacecraft fuselage interface. So the surrounding 26 Cube sets represent my spacecraft and the surrounding Media and a Variable set, with 1 centroid Single Cube. My spacecraft model consist of one 27 set Cube. The Earth below is modeled as it's own 3 x 3 x 3 cube set. You spacecraft next to me is handeled discretely as it's own 27 Set Cube. If that makes sense?



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Replying to @DataRepublican
DEI Fan Club at dsac ? dsac.gov/about/dsac-leadersh…

DSAC Leadership | DSAC

dsac.gov

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Replying to @TMBSPACESHIPS @DataRepublican
FBI CoIntel Operation ran with NGO money. Go Infragard !!!!

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6 Apr 2025
Replying to @DataRepublican
FBI has a 'pigs nest' of a NGO. They use NGO CRM platforms as a Spy Net. They act a a Foreign Government Spy Operation. FBI CoIntel uses money from their many hidden NGOs to pay for all those Kahki Pants and Golf-shirts, the FBI CoIntel ordered. Follow this money....
infragardnational.org/infrag…

InfraGard Patriots Circle

The Patriots Circle harnesses our collective contributions and commitment to safeguarding national interests. Your gift is tax-deductible.

infragardnational.org

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6 Apr 2025
Replying to @Steve_uap2020
5 Eyes is the Communist Cell Groups penetrating governments worldwide. Most members are Soros NGO type operators or non-loyal Government officials on covert Soros or MI6 or USAID or NGO payroll. 5 Eyes runs the US Weather Modification Program. The 5 Eyes Crew are responsible for all treason in the Covert Programs. 5 Eyes infiltrated the US DOD/DOE Antigravity Program in 1994. 5 Eyes is an extension of other governments in a Treasonous and illegal manner of operation of other governments facilities, operation counter to the citizens of the countries who paid for the programs and technologies. 5 Eyes operates as an independent Government with covert Funding. 5 Eyes Communist Cell members have Diplomatic Status when operating in other countries. MI 6 says who is Communist enough to get into the 5 Eyes Club... Infragaurd is just as bad. They insult your Common Sense when they Flash their stupid IDs. 5 Eyes calls all shots on the Weather Manipulation in the CONUS. KILL 5 EYES TODAY !!! KILL Infragaurd Today !!! KILL FBI COINTEL PATRIOT FRONT TODAY !!! en.wikipedia.org/wiki/InfraG…

InfraGard - Wikipedia

en.wikipedia.org
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This D3Q27 CFD Model Method is the CFD Gold Standard for Plasma Vacuum Bubble technology based spacecraft Engineering. This paper is excellent application of the D3Q27 Cubical Lattice, in Nuclear Force Transport. Extended Hybrid Pressure and Velocity Boundary Conditions for a D3Q27, Cubical Lattice. Lattice Boltzmann CFD model. imechanica.org/files/D3Q27.p…
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5 Apr 2025
Replying to @alwaysthoughtt1 @RC135V

RJ-135 Rivet Joint. twz.com/air/rc-135-rivet-joi…

RC-135 Rivet Joint Surveillance Jet Just Flew Unprecedented Mission Off Mexico

An RC-135V looks to have flown two sorties in the past 48 hours over the tight confines of the Gulf of California that sits adjacent to a notorious cartel hotspot.

twz.com
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@TMBSPACESHIPS
4 Apr 2025
Replying to @RC135V

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Apr 2025
Replying to @ChiefDinger @ashtonforbes
FRACTAL ANTENNAs are utilized in Plasma Physics for MESOSONIC Wave sensing and Mesosonic Energy Input. They are engineered IN Shape and Size to have influence on the cooler IONS IN VACINITY OF THE Fractal Antenna.

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4 Apr 2025
Replying to @WisdomWalker @wisdomwalker
When Ions get hot, they also get transported away from the spacecraft. There are small Ion and Electron diffusional losses to maintain a stable Plasma Bubble.

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4 Apr 2025
Technical Detail on How the Tic Tac Plasma Field oscillates. youtu.be/shorts/Fv46vNDl_…

Trick roping the Texas skip

See Western stage props for ropes

youtube.com
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@TMBSPACESHIPS
3 Apr 2025
Replying to @nickpopemod
Cult of "C".

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Apr 2025
Replying to @Mukshud @mukshud
NIH should have no Authority to Classify Information. We need a Law making it life in Prison to Conceal Government health related information. Almost half of NIH research is Classified. How can the American Public make an informed opinion if information, they paid for is kept from them.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Apr 2025
Replying to @Mukshud @mukshud @ChiefDinger
1st Bee is using Steroids.
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@TMBSPACESHIPS
3 Apr 2025
Replying to @ChiefDinger
He was stung by a Bee once.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Apr 2025
Replying to @Mukshud @mukshud
Mukshud, Found this great paper on Cellular Temporal Patterns. Lots of Color, and more color, great Format, lots of Information and colors with shapes. biorxiv.org/content/10.1101/…
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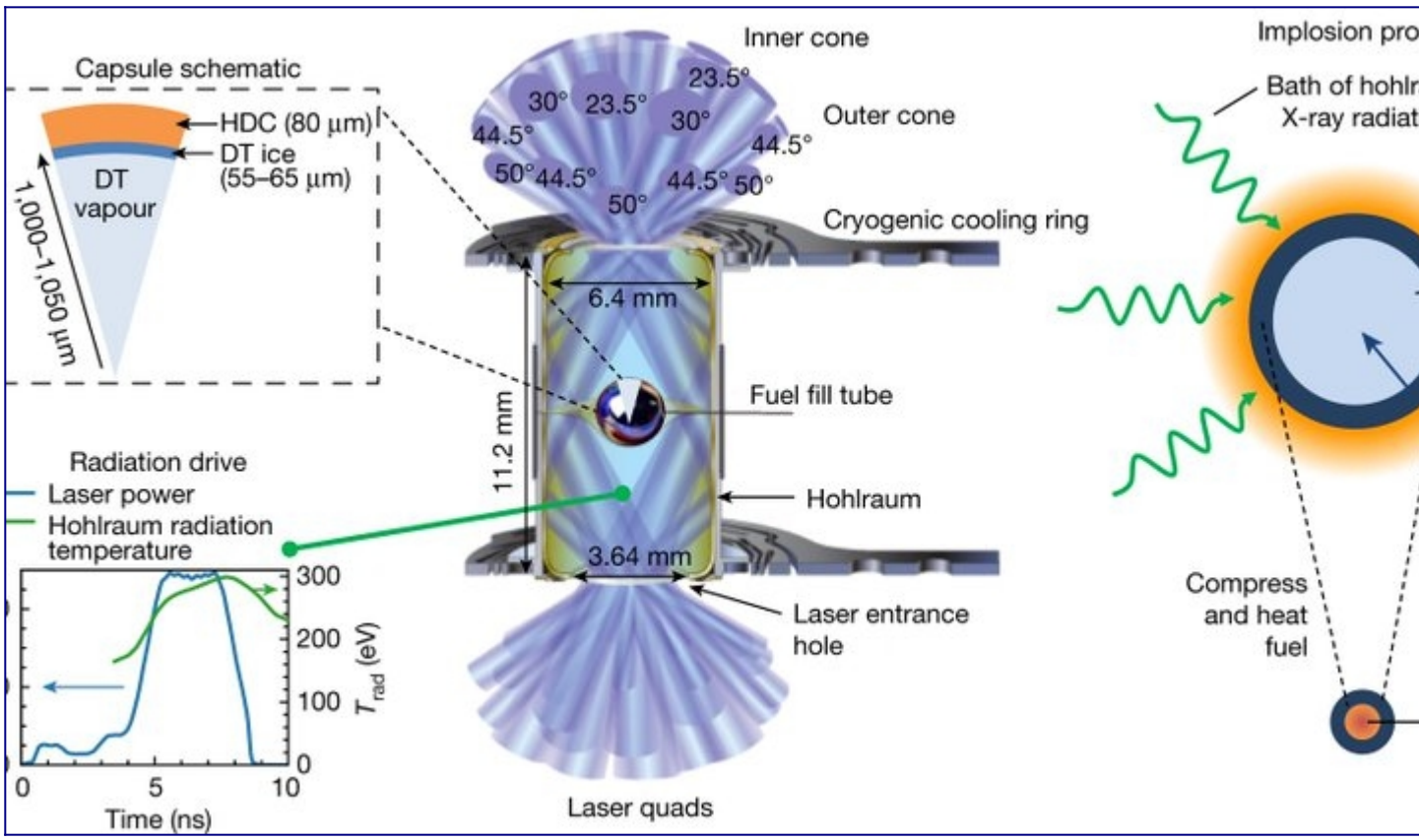
3 Apr 2025
Burning plasma achieved in inertial fusion. nature.com/articles/s41586-0…



Burning plasma achieved in inertial fusion

Nature - A burning plasma, a critical step towards self-sustaining fusion, is achieved at the US National Ignition Facility, with a subset of experiments demonstrating fusion self-heating beyond...

nature.com

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3 Apr 2025

Various Plasma-Stabilized Methods for Controlled Thermonuclear Fusion.
apps.dtic.mil/sti/tr/pdf/AD0…

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3 Apr 2025

Replying to @WisdomWalker @wisdomwalker
Did you look at Cesium's Negative Charge characteristics? and then add SF6 to add Mesoscale Kinetic Coupling to the Hydrocarbon Gas Plasma-fication's Ambipolar Diffusive Field. (For that full aroma of the Maxwell-Boltzmann-Debye-Gibbs Statistical distributive screening distance flavor.) A just a PINCH of Xenon to the recipe for a taste of Pair Production.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Apr 2025

Replying to @ChiefDinger

When you generate Plasma, you generate it through Inductive or Capacitive Coupling of the Gas Discharge. The Antigravity Systems Engineer needs to focus on CAPACITIVELY Coupled PLASMAS. en.wikipedia.org/wiki/Capaci…

Capacitively coupled plasma - Wikipedia

en.wikipedia.org

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Apr 2025
Replying to @Gt5Skier @BuzzyBiggles
A properly CFD Antigravity vehicle can join and snap with other antigravity vehicles. Most large multi-man models utilize Amphoras Silicone coated stainless sphere about 18 to 30 inches in diameter. Black Glassy type Silicone. The pilot releases the spheres for extended Float in Place, Station keeping. They provide a Passive Audible plasma field stability indicator. The spheres gently bump the fuselage when the plasma field begins to recede, becoming unstable. The spheres cause localized small value corona breakdown when the field recedes. This is similar to the simple LE stall switches found on small GA aircraft. Functionally the same as Stall-AOA Ropes & String. These spheres stay around the vehicle till the end of flight and placed back into their conformal deployment cavities.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Apr 2025
Replying to @Gt5Skier @BuzzyBiggles
No Context given, Same time period: Big Seismic Mapping Operation with Monster Vibrator Trucks? USGS Seismic Mapping was going on at that time. High Temp Heat, >1500°F, vented from ground vents in 1997 to 1999.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Apr 2025
Replying to @BuzzyBiggles
Electrons Heat in the Magnetosphere causes the visual distortion. When a DOD/DOE antigravity vehicle inflates it's plasma Vacuum Bubble it gives a negative index of refraction and can appear bigger but usually appear smaller when in close proximity. The Thermal Energy has little diffusive instabilities and prefers to stay in a Debye Gaped Grand Canyon in the outer layers of Electron-to-electron magnetosphere. You don't perceive the Heat till you get very close. I was told an individual illegally infiltrated a Numbered Area in 1995. During a hover to Transport Testbed test, the individual approached the hoovering test bed and when the Test bed went into vertical transport. I investigated and proposed, the individual disappeared by being sucked into the closing vacuum and was probably propelled into Outerspace. He probably lived about 1 to 2 whole seconds, after arriving at great velocity, in a vacuum of space. A properly tuned Buoyancy Command, Control and feedback system should damp the heat blurr but they keep the operations and engineering secret. That limits technological advancement. Alice Springs was where we run Testbeds out of "Box Trucks" back in 1990s'.
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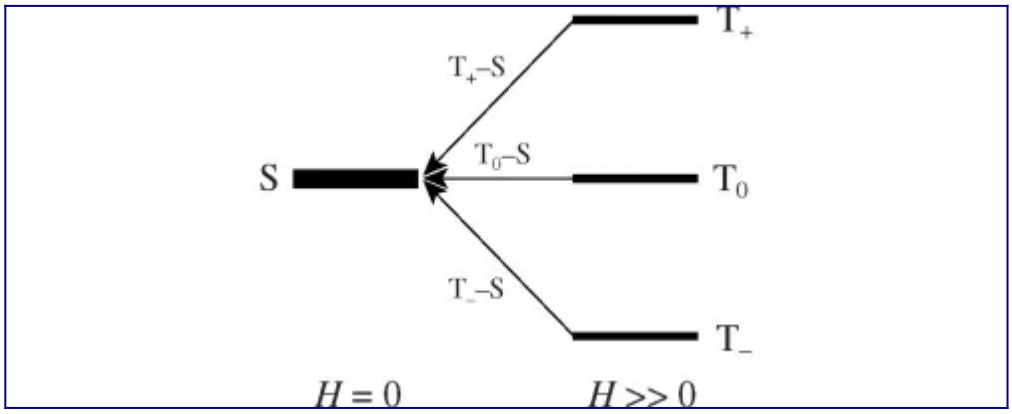
2 Apr 2025
Magnetoelectric Radical Hydrocarbons. pubmed.ncbi.nlm.nih.gov/3046…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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1 Apr 2025
Replying to @ZShaman13 @IvanRaiklin
Time has shown, it was a Test Run.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Apr 2025
Replying to @ZShaman13
@IvanRaiklin So from talking to many friends, we collectively believe entire the Matthew Livelsberger Case was a FBI CoIntel PsyOp Operation related to Deep State Planned Terrorist Operation to Kick off in May. The Chinese Electrogalvanic comments was a PsyOp Sugarcoated misinformation -attention getting technique. (This says Brennen ran Deep State) The Brennen run Deepstate may have many Tesla Truck moving IEDs robots ready to go, all FBI Co-Intel Planned and somehow fitting into the FBI's CoIntel Patriot Front Operation. Brennen will utilize Iranian asets. They are Planning Tesla Truck Robot Bombs to Hit Illegals, Communist and Democrats with Deep State run Robot Tesla Cybertruck bombs at Protest. This is speculation on the presented evidence.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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1 Apr 2025
Replying to @LeeWheeler79888 @wisdomwalker
Quantum Chips have a big Flaw. They can be crashed from remote locations with little equipment due to the Microscales Electron to Electron Lattice of Continua. You Introduce Shock into the Electrons Locality in a repetitive pattern and you increase the Thermal Background noise, which broadens into the Macroscale. The Macroscale absorption of the Electron-to-Electron Shock couples the Electron Lattice. This class of ICs is not Spaceworthy and should never be utilized in a High Reliability environment. When Quantum Computers crash, they fool you and keep going with Corrupt Trash lines running.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Apr 2025
Replying to @LeeWheeler79888 @wisdomwalker

Study Plasma Physics every day and you will surpass most PhDs in 3 to 4 years. Study Plasma Physics as a Hobby. Turn from Sports and shitty Media. When you die, You get to take knowledge with you.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Apr 2025

Replying to @WisdomWalker @wisdomwalker @LeeWheeler79888

That is a mis-interpretation. The Vacuum is a result the Electrification of the local surrounding media. Not set to a minimum. Stability is analyzed in the CFD step of Engineering. This is equivalent to Wind Tunnel Testing and a required CRITIACAL STEP. The conditions giving rise to Instability of Plasma Volume are set as conservative limitations algorithms running in the Buoyancy Command Control and Feedback System. Instability is unattainable with properly engineered redundant Analog and Digital Plasma stability control sub-systems. The Fuel Vapor and Incandescently heated antenna form the plasma Naturally. I speak of Adiabatic UNBOUNDED Self Sustaining Plasmas in most of my post. like this Section 7.3.2 till end
people.physics.anu.edu.au/~j…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025

Replying to @road_mystery

Russia cooperates fully with the US Antigravity program. No hate at that level of respect. During the Threat Reduction Program, I went to Ukraine and Russia to recruit Russian Scientist from 1993 to 1994. They only respect you for your math abilities. The US recruited over 300 top knowledge scientists to come to the United States and live with a $1 million dollar bribe upon arrival. In 2005, Putin announced this Scientific recruitment program crippled the Russian Scientific and academic programs, leading to a decade long brain drain. I learned in 1994, Talking to Russian Plasma Scientist, they were about 15 years behind the US and had just gotten 8 bit digital Nav systems in their Phenolic Bodied Prototypes. They Used Fuel cells and AGM type batteries for power. They had several 80-foot spherical Phenolic models. The testbeds were from the 1970s. The Russians used Vapor Deposition of Plutonium and gold on unheated antenna. They never considered heating the antenna or sintering it. Pentagon sent scientific exchange packages in 1994 and 1995 to the Russians as bait to get their scientist. The pentagon purposefully placed lots of fake Alien stuff in the package to ID leaks. I once met people who wrote that OpSec stuff and they told me some of that fake alien Leak Detection semantics comes from famous writers.

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Replying to @LeeWheeler79888 @wisdomwalker

That question is outside the scope of Reliable Spacecraft Engineering practices.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025

Replying to @exoslinger

1 gallon of Jet Fuel burned at 1 Second a Gallon rate, renders 138MWatts per second.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
31 Mar 2025
Replying to @DiracGhost
God Bless Lev Landau.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @exoslinger
1: CFD Map the Vehicle's behavior in a Plasma Field. 2: CAD and CAM the Vehicle. 3: CASH.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @exoslinger
FTL is a construct of the "C" cult. DOD/DOE antigravity vehicles are Faster than Einstein.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025
Replying to @WisdomWalker @wisdomwalker @LeeWheeler79888
The Current administration has not been read in. I was present for G. Bush Sr. read in and questioning. Bush Sr. didn't care or pay attention to the briefing.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025
Replying to @MrFilthyJohn @ashtonforbes
There was a Team at AFRL working Nuclear Dampers that suppress and suspend Ionic Collisions in a Given Area. Nuclear Weapons Dampers are in their Final Stages of Maturity and will be Covert Active systems within 7 years.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
We have DOD/DOE bases, throughout the Solar System. Rule 1: Once you go up, You never come down. No retirement on Earth.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
I believe in Alien UAPs and watched 1000's of USAF RADAR tracks of Spacecraft entering Earths Equitorial region for years. I never saw any Aliens. Hundreds of Spacecraft a day, enter Earth's atmosphere over the Amazon. We track ours and "theirs" with a multi-site Photomultiplier array and conventional Radar systems with special mixers to find Plasma reflectivity. Radar track Observation is Part 1 of UAP shootdown and recovery operations. You mostly get fragments back. I stayed far away from the units professing Alien Capture teams because they want to Hypnotize you for Clearance. Those recovery units lie about everything and conduct assignations in foreign countries.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @TheRealVerbz
There has been Academic Effort since the 1960s to NOT RESEARCH the VELOCITY of Light's 'Window of presentation. It's the "C" cult preventing research. I've been looking for Monographs on this subject for 40 years and in 2025, it appears to still be a desert of information.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
This is a difficult subject to teach.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @squirrelgonenu1 @BuzzyBiggles
Old Textbooks are unclouded by nonsense.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
We reversed Engineered what we found in Textbooks.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @TMBSPACESHIPS @ashtonforbes
Cosmic particle ignition of artificially ionized plasma patterns in the atmosphere. Bernard Eastlund Patent. patents.google.com/patent/US…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @AshtonForbes @ashtonforbes
That video left off Bernard Eastlund. I worked with Bernard Eastlund at AFRL, Bernard Eastland was a Genius of a Higher Level. Mr. Eastlund was a "Fixer" for covert programs. A fixer uses their knowledge to get the program back on track. He was Program Director of the Airforce's 2025 Command and control of the weather. Mr. Eastlund had full working knowledge of the DOD/DOE antigravity spacecraft program. agriculturedefensecoalition.… en.wikipedia.org/wiki/Bernar…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
The Mercury is to provide a ION stream to assist in pulling the Vacuua . The application is called Ionic Scavenging. The Transport of the Mercury places a Negative Electrostatic Field withing the vacuum Pressure Vessel.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @LeeWheeler79888 @wisdomwalker
It is obvious you have little experience with Ionic Diffusion Pumps. The metalic Ions in the wall of the Vacuum Vessel Container provides continuous contamination, more than the Pumping devices used.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025
Replying to @squirrelgonenu1 @BuzzyBiggles
What's hidden from Understanding is the APPLICATION TECHNIQUES of technology. This divides the amateur Engineers. Your pool of knowledge limits your considerations of Applications.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025

Replying to @LeeWheeler79888 @wisdomwalker
I have a Old 1990's Mercury Diffusion Pump, Pulls 10 -12 Torr after 24 hours of run. I've never had to replace any parts yet. Was a gift from when friend, used at the Lewisville TI plant for 10+years. Great for Contracting 4 inch by 10 foot Black Iron Pipe for demonstration. No heated oil.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Ultra High Vacuum Systems. youtu.be/watch?v=g6iMfnIF…

Basics of Ultra High Vacuum Systems - Rachael Farber & Steve Sibener

Basics of Ultra High Vacuum SystemsPedagogy Talk @ CBB 2022 Annual MeetingSpeakers: Rachael Farber, Steven Sibener

youtube.com

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This Ion Diffusion pump draw Pressure Lower than found in low Earth Orbit. youtu.be/watch?v=dNOFNq-4…

The Science Behind Diffusion Vacuum Pumps: How They Work

I decided to make a video about my diffusion vacuum pump and explain the working principle behind those pumps and talk about the advantages and disadvantages...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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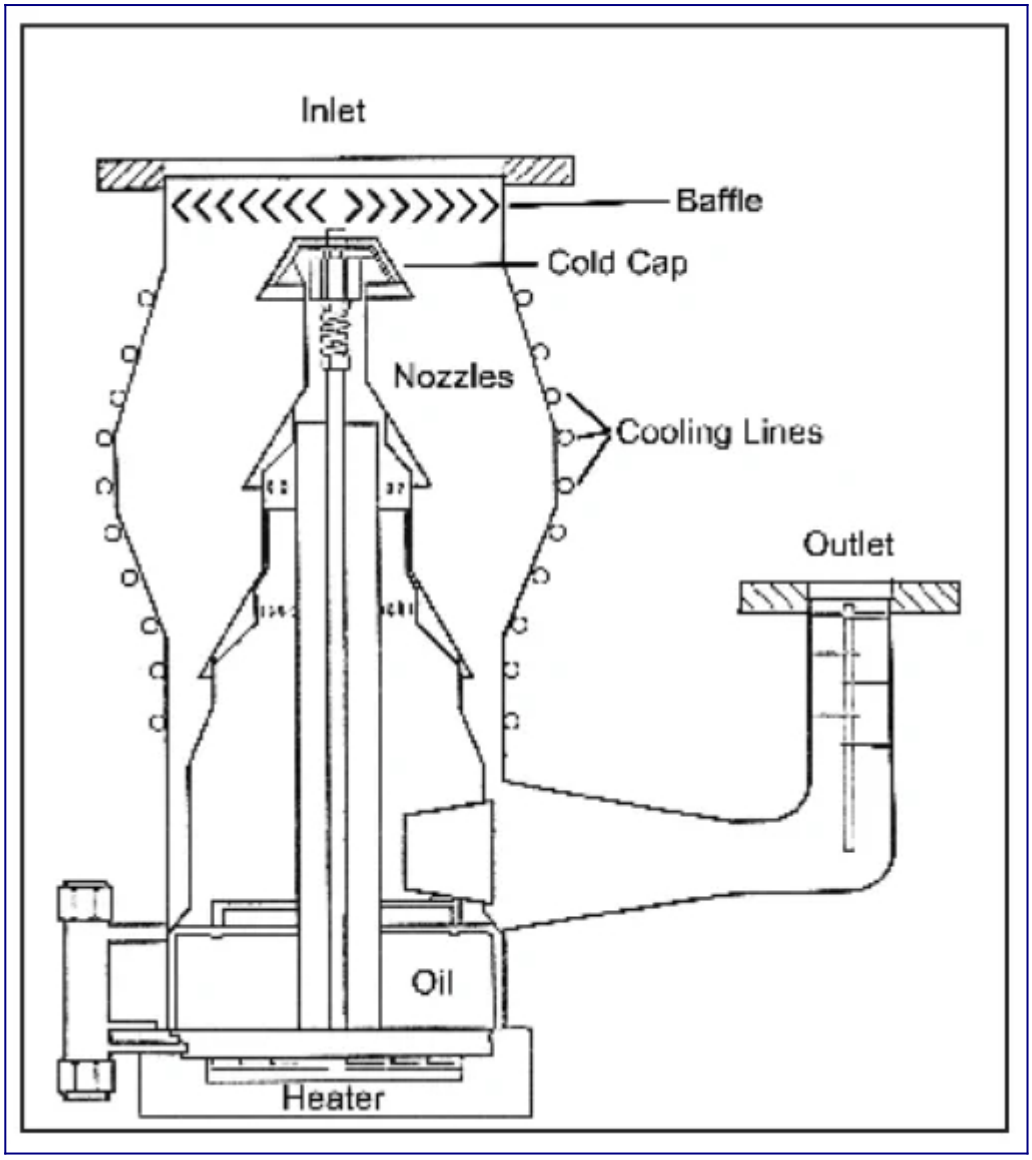
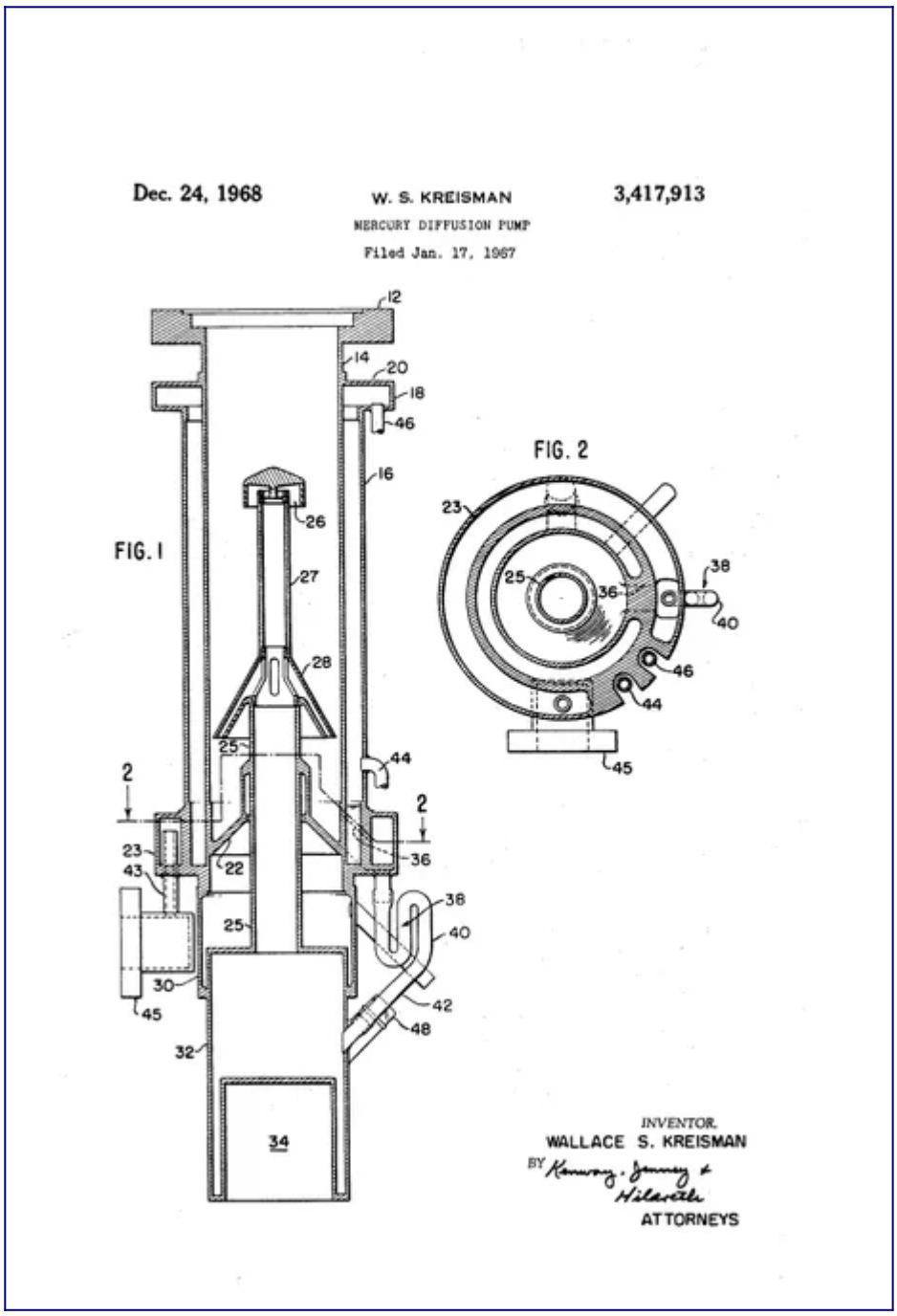
31 Mar 2025
Replying to @WisdomWalker @wisdomwalker @LeeWheeler79888
Or this type. Diffusion devices of similar type are used in Uranium Yellow cake processing, for an increase in Uranium Density.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025
Replying to @WisdomWalker @wisdomwalker @LeeWheeler79888
Mercury diffusion pump, like these. patents.google.com/patent/US…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
31 Mar 2025
Replying to @freemaal123 @BuzzyBiggles
Name specific Field of Study?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
31 Mar 2025
Replying to @brad_kuhnstw
The Plasma Volume can be expanded in Float or small movements. The Gradient is a large Macro-scale Field dependent on the Ion Density for Stability. Distance energy laws are not considered in these models. Time is handled discretely in Plasma Dynamics. You won't find Einstein's C in Advanced Particle Physics. You can inflate the Plasma Fields to great volume with a properly

functioning Buoyancy Command Control system. All Antigravity vehicle utilizing techniques in this post must have a thorough Computational Fluid Dynamics, CFD analysis at the initial engineering stages. And yes, You could call it a Monopole Shaped field. I like Onion-layered, add flavor.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @brad_kuhnstw
Plasma Gradient, around the spacecraft, when Buoyancy Command Control and Feedback System is running, is Low Pressure, lowest at the Incandescently Heated Antenna, Greatest just past the outer Soliton Plasma Wall. The Universe abhors a vacuum and will shut it up for free. You must exploit Natures desire to "PLUG the HOLE", KINETICALLY coupling to the "PLUG" for nuclear FORCE transport OF YOUR SPACECRAFT.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @brad_kuhnstw
Helium used as Lubricant for Laminar Flow, type & Ionization level is secondary consideration.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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31 Mar 2025
Replying to @BuzzyBiggles
Generating Suction instead of using reactionary rocket engines is much more cost efficient for megascale spacecraft. Generating Plasma Based Suction is the most cost-efficient method for space travel.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Mar 2025
Replying to @BuzzyBiggles
I never saw any Aliens But many many Floaty toys. All Advanced technology I saw is in Textbooks since the 1950's.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Mar 2025
The Electrified Field of DOD/DOE antigravity vehicles push the surrounding adiabatic (exothermic in space) media away from the vehicle with an elaborate and fine electrical field. The Ion seeded Electrical Fields have pressure lower than found in deep space. Electrified Vacuum Plasma Bubbles Null all Inertia withing the field into a collective motion of near perfect equilibrium(weightless), rendering the vehicle weightless and inertialess. Propulsive Inertia is created by lowering the pressure in one location on your spacecraft to be substantially lower than the surrounding media, altering spacecrafts concentricy to the center of the Vacuum Plasma Bubble. This causes the universe to build a suction of electrostatic energy that SUCKS YOU ALONG. Don't use reactive engine, just have your spacecraft command nature to be it's b!+c#! by forcing it to debase itself, staring with an Electron to Electron "Tug Off", Sucking you through the Universe, Frictionless. Hanging a Low Pressure Carrot, just atoms away from your spaceships mouth, in the direction of desired travel.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Mar 2025
Replying to @RadioYohu
Look at how Oxygen chases the Fuel Vapor. Oxygen is only Chasing the Magnetized Fuel Vapor. Oxygen chases and grabs Iron to make rust. The Unburned Fuel Vapor is very Magnetic. If I control the Fuel Vapors Combustive Expansion to the point I can Contract against it. I will have command over Pressure (in the form of shock), I will also command the Wake, or the negative side of the propagating wave. Cool Hydrocarbon Fuel Vapors are Very, Very, magnetic. The Plasma Buoyancy Field Command Control and Feedback system, uses a Ambipolar Diffusive Field that stochastically separates the Ions from the Electrons, set the Density and thermal transport Ratio by Seed Gas arraignment, where the Electron carries all New thermal energy introduced. into a rapid Transport to the Outer Boundary of the self sustaining Electron to electron outer onion-like-layers of Electrons in a 2 DOF Sheet but moving toward a ultra High Temp Electron 1 DOF Boundary where the other side is the adiabatic or exothermic media of the universe trying to close this electrified vacuum bubble back up. The Electric Field + Ion Seed Gas + Incandescently heated sintered thorium antennas in a geometrical arraignment on the exterior of the spacecraft, + Superheated Hydrocarbon Fuel + Specially constructed spacecraft hull that has a thermal Metal Plasma spray coating layer of super-insulators and superconductors + Lots of Ca$h !!! = Antigravity vehicle. Also look at Welding Rod Fluxes that shove oxygen away. There is Inertia.....hiding. Cesium is used extensively in UAP Plasma formation due to its high negative charge. The closer the Hydrocarbon Molecules are together to more aggressive the oxygen wants to get in and combust them apart. It's a game of Fractional Oxygen chasing a magnet. Now what is the magnet? Why does Oxygen chase magnets?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Mar 2025
Replying to @MagnetReconnect @ashtonforbes
You must have the Plasma around your vehicle. Plasma in a Bottle is like Genie, Genie cannot make Floaty Magic, when inside bottle.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Mar 2025
Replying to @AshtonForbes @ashtonforbes
Light and RF Broadening is emitted during Transitional Nuclear Velocity constrained windows. I see this in Nature but find no Acedemic Studies.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Mar 2025
Spiders making plasma with Negatively Charge Silk Thread youtu.be/shorts/6vsDjWAaa…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Mar 2025
Replying to @jkphilly_fan
They are cheap when burned onto GLASSY POLYMERS.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

29 Mar 2025

A word on the Grifter PsyOp about reverse engineered Mind controlled Alien spacecraft crap. DOD/DOE antigravity vehicles utilize conventional controls, not magical mind telepathic crap. My brother in law worked on Antigravity vehicle avionic architecture for Raytheon/TI for almost 45 years. DOD/DOE antigravity NAV systems are very similar to Aircraft but has Space NAV Modes of operation. These vehicles can be flown like blimps. In Slow Mode, these vehicles are flown by hand, but in fast mode, it is done with simple 3 Axis Autopilot and a automated Propulsive Control and Feedback System feeding Dispersal solutions to the Buoyancy Field Control and feedback system. The 2 Systems work together to keep you in place, within your concentricy to center of Plasma field, for Floating Buoyancy stability. To move frictionless and inertialess, your Propulsive system stochastically moves your vehicle's center of Mass, from the Plasma Center Mass. This gives surrounding Ionic transport pressure, from with in the plasma, trying to force the spacecraft's center of mass, back to center of the Plasma Fields Bubble of equilibrium. The Grifter keep pushing that puny human mind cant handle advanced technology. There are lots of Fake reports on Alien crap at AFRL. Since the 1990's we have had Advanced Spacecraft capable of Logarithmic Velocity in space. No GBST Theory. No Blackholes... Just A Holes + B Holes + C Holes + D Holes + Soul Patch + Joe Firmage gets outta' jail soon? = UAPs are advance mind-controlled alien technology, that we Plebes will never understand. No competent Alein engineer would risk allowing a schizophrenic Alien to telepathically join with his spaceship's computer. Mind controlled spacecraft are stupid, fratboy stupid. Stupid concept to fly across the universes with a headache going on, causing glitches that cause your NAV system to crash in roadside ditch, scattering hundreds of empty liquor bottles the alien kept hiding in the voids of the ship, smashing outside Roswell NM. 8 bit computer were the first NAV system utilized for DOD/DOE antigravity spacecraft. Advanced telepathic Spacecraft Grifter = Book Deal$$

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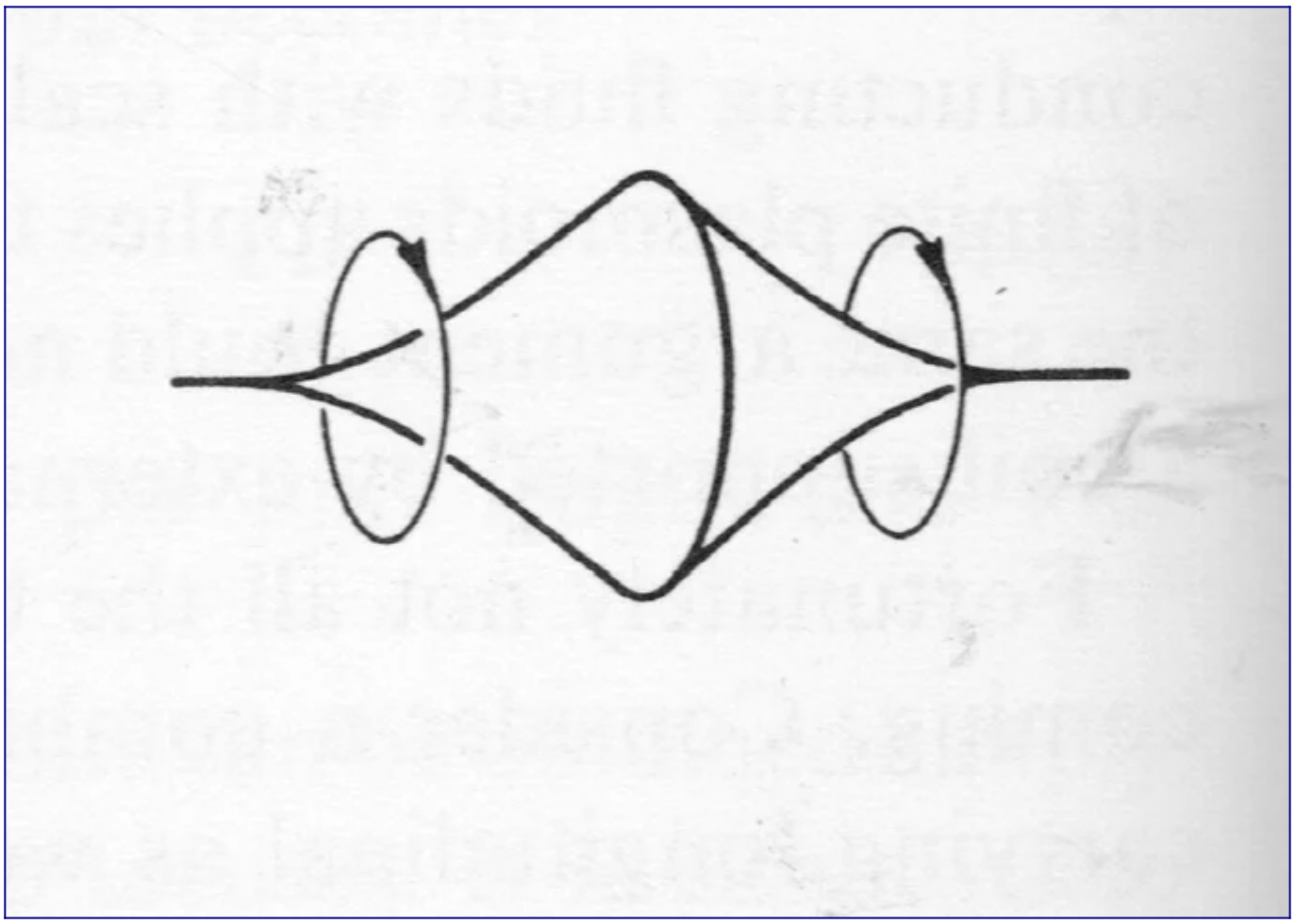
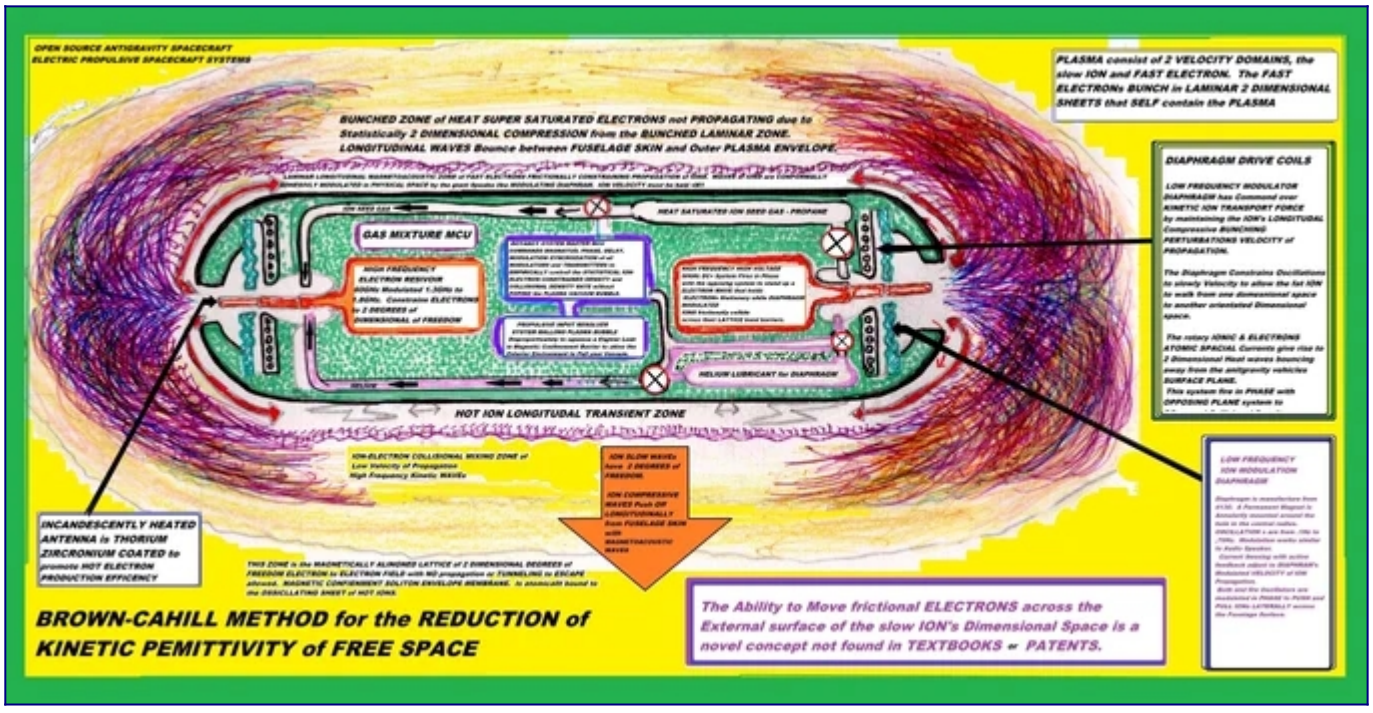
29 Mar 2025

Cusp of Dipole Shaped Antigravity vehicle.





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Plasma - Biconic Cusp Antigravity Vehicles generate on the surface of the vehicle, Plasma field that have great Debye Length gaps between Ions and Electrons in a Adiabatic Self-contained Plasma Vacuum Bubble. This is about Pinching Electrons. en.wikipedia.org/wiki/Biconi…

Biconic cusp - Wikipedia

en.wikipedia.org

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Mar 2025
Replying to @TeddyRubsxkin @jennerbrownX
antennas stay heated and multi-kilowatt 1.4 Ghz is kept at high power but reduces Pulse Width as fiel becomes stable. The over rich methane is a magnetic fluid. The Over rich fuel vapor is magnetically dragged by geometric arraignment of emitter and end fire combustion chambers. The Oscillation provide controlled collision rate by force modulation of large diaphragms that set with in the end fire combustion chamber. Oxygen, the most magnetic Ion, a give Kinetic Coupling in Gas and Plasma through it's Macro+Micro-scale coupled magnetic field, The end fire combustion chamber has the Incandescently heated thorium antenna, mounted on a pedestal, fired both in and Out-of-phase. Ion Seed Gas + Methane + SF6 + Cesium Tetraflouroaluminate + Helium + Xenon + Controlled reaction metered Oxygen to flush the combustion chamber for more Seed Cass introduction. Cost of operation for 12 man, 40 foot model Antigravity vehicle is comparable to King Air 350/per hour cost. The Modulation diaphragm can pull inward on a outward expanding gas, damping flow till full volume of plasma is cooked up hot and exists combustion chamber on it's own. Ambipolar fields will develop withing the combustion chamber and carry out the exhaust orifice as a fully coupled Mesosonioc-Magentoacoustic Wave. The Magnetosonic wave cannot go to far from the fuel vapor and get most of the wave back in the form of a temporary milliseconds long Bubble of Vacuua, (Vacuua is a waves aft side, the wake, or Pull or Suction), that is oscillated by the Antigravity vehicles Buoyancy Control and feedback system. The End fire Combustion chambers work similar to this but with Gas + Methane + Boltzmann stochastic controlled oxygen.
youtu.be/watch?v=Erq3eOxP…
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29 Mar 2025
Vacuum Plasma Bubble related article. Spatial Dynamics formulation of MAGNETOHYDROSTATICS. One must fully understand Magnetohydrostatic Dispersal to fully comprehend Antigravity Physics. arxiv.org/pdf/2310.16220
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28 Mar 2025
Replying to @brad_kuhnstw
I do don't believe in GenderBendingSpaceTime. GBST Theory. Time must be handled discretely in advanced physics.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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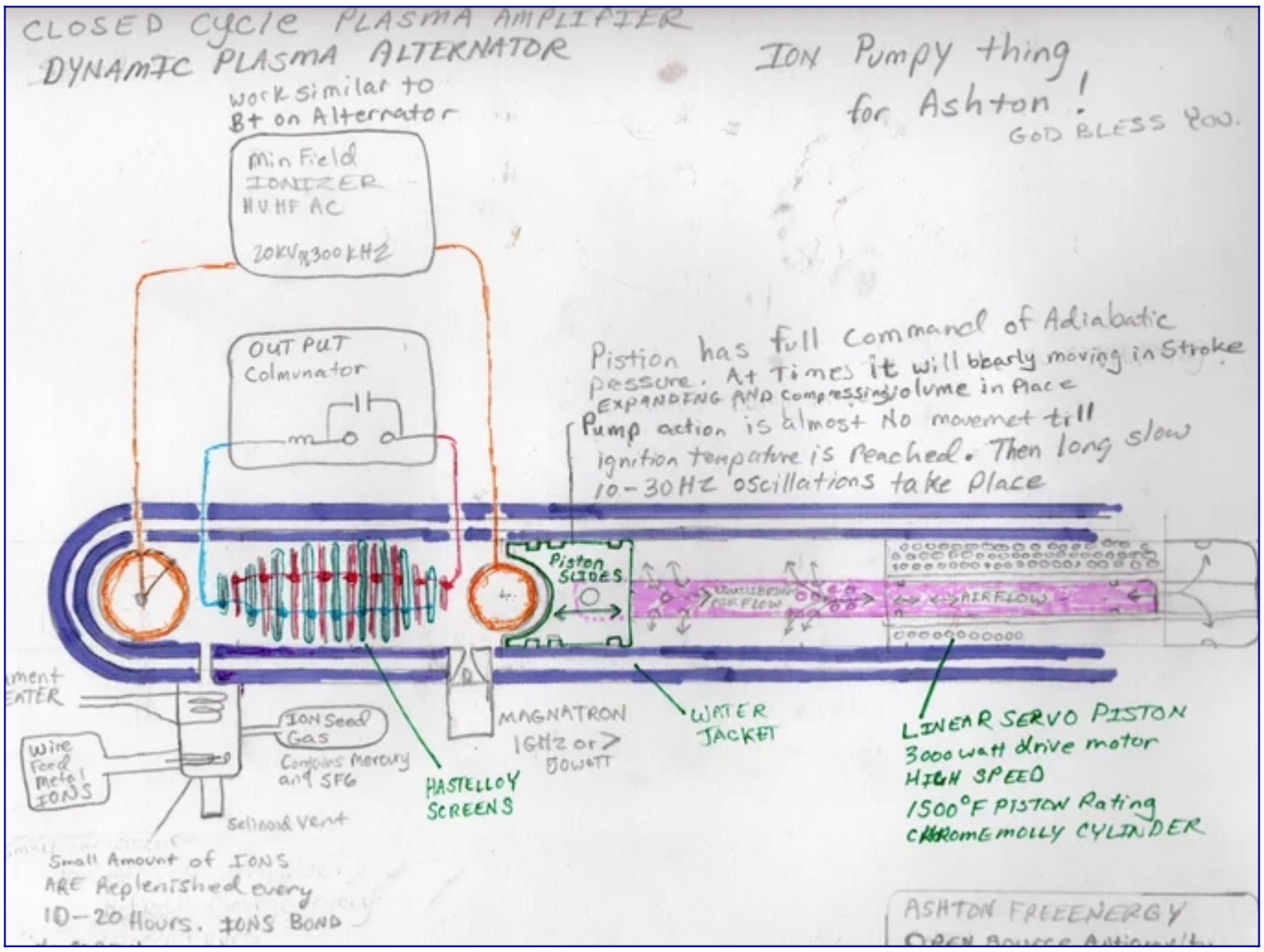
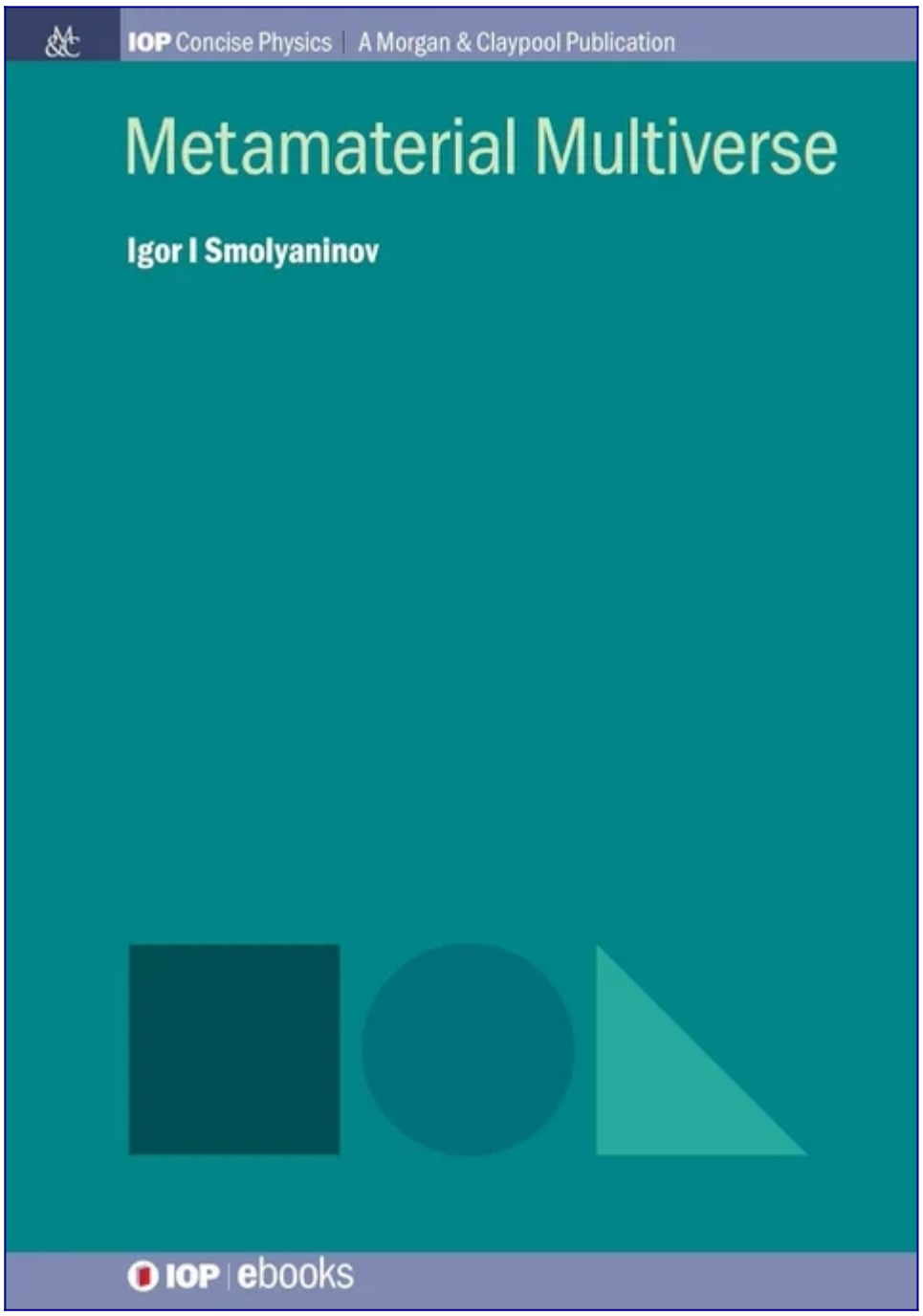
28 Mar 2025
Replying to @brad_kuhnstw
Gravitation is Local. Gravitation is at the Local Nuclear scale Interface only. There is no Distance action in gravitation. Quantitative Field Gradients cause Field Migration or "Grain" of Field". Gravitation is a Local Interfacial Media action only. Static EMK(T) forces in Transport.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
28 Mar 2025
Replying to @AshtonForbes @ashtonforbes
You should put MESOSCALE, between the ION's MACROSCALE characteristics and the ELECTRONS MICROSCALE characteristics. MESOSCALE STUDIES are Velocity of co-Wave studies. Mesoscale Waves are the Electron, Magnetic and Kinetic-Thermal Magnetosonic/Magnetoacoustic Waves. "Quantum" is not a Nuclear dimensional Scalar.
link.springer.com/content/pd…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Mar 2025
Replying to @WisdomWalker @wisdomwalker @James7312511388 @ashtonforbes
First: Establish what Scale of Nuclear Structure is practical and affordable for you to work with. Second: Look to Nature to find a economically affordable and accessible, reservoir of energy. (Such as the Universal Cosmic thermal Microwave Background. The Universal Thermal Background can be funneled from the Hydrogen Lattice of Continua's Kinetic Coupling, into a Forced Angular Momentum Field, (Via forced Plasma collisions), and channel into a current of Electrons in a Pummpy thingy that Jiggles a pressure vessel and rarefies it to lower collisional rate. This device Shocks Electrons into a external current loop that has lower resistance for the continuous arc. Third: Identify the Transport properties and characteristics of the Energy Reservoir. Understand how to move the End of line energy to electron current conversion. Have the knowledge to understand things like: Old vacuum tubes relied on Filament Heaters to make the rarified gas conductible due to Thermal Ionic Currents within the tube. DOD/DOE antigravity vehicles utilize incandescently heated sintered thorium antennas for Electron Trapping in it's Modulating Combustion Chambers. Heavy over rich Fuel Vapor, such as methane, propane, or "Bastard Gas" Butane, are very magnetically Fluid-like in thick vapors.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Mar 2025
Replying to @MarioBrisson1 @ashtonforbes
I believe Dr. Stewie Griffin also wrote a book by the same title.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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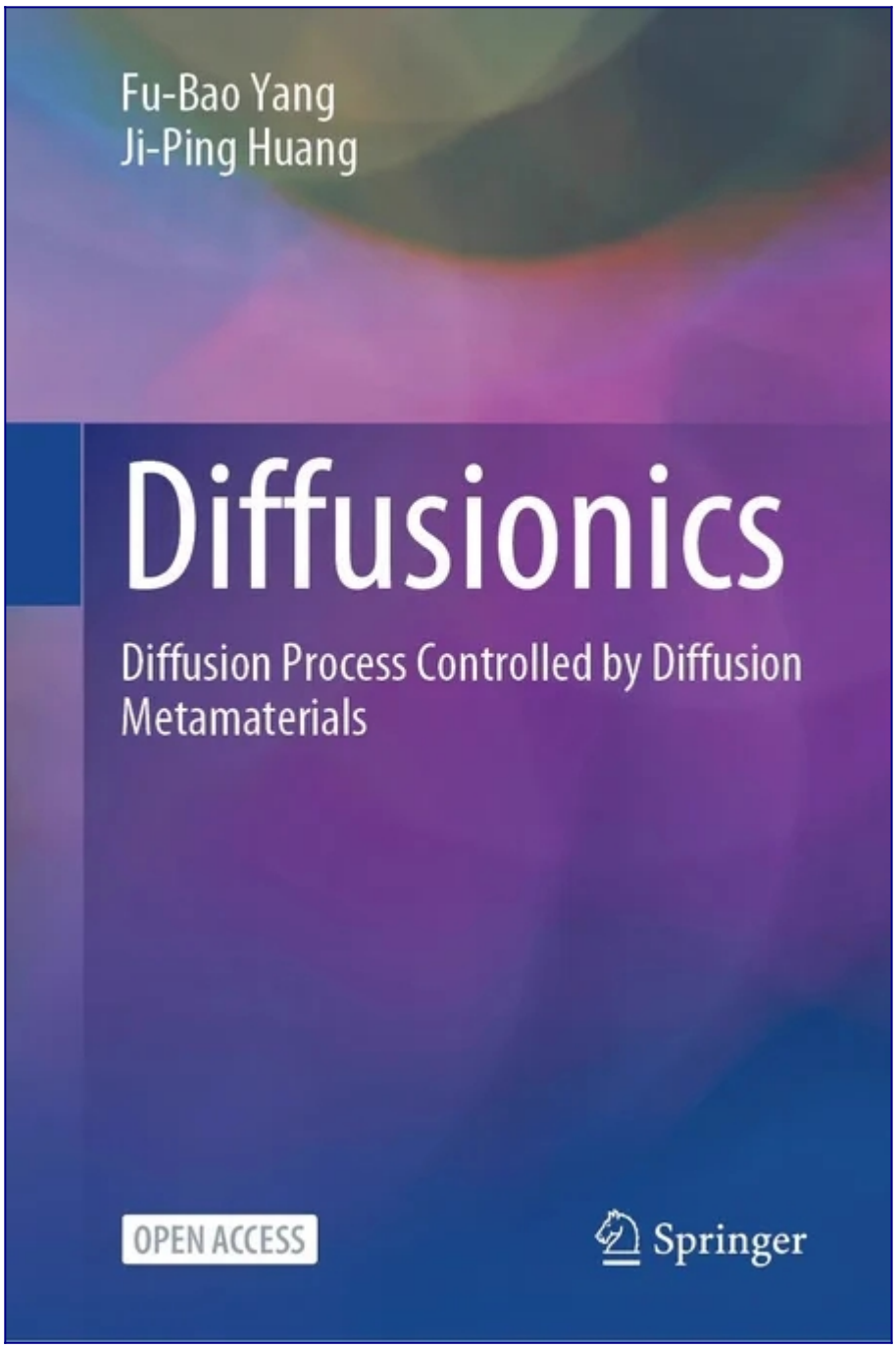
27 Mar 2025
Replying to @MarioBrisson1 @ashtonforbes
and like this.



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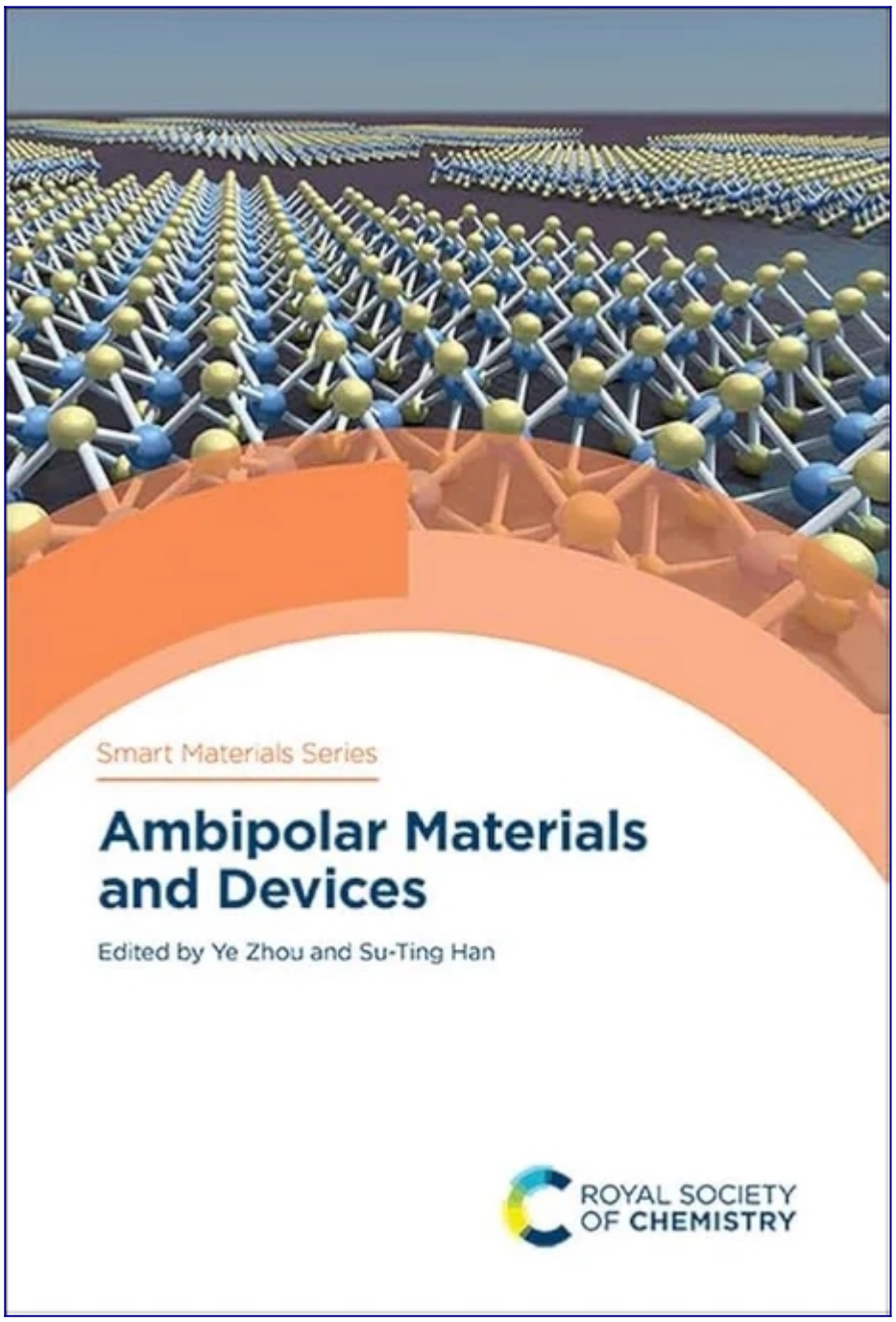
27 Mar 2025
Replying to @MarioBrisson1 @ashtonforbes
Like this.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Mar 2025
Replying to @twinTurboBlower @ashtonforbes
You must study continuously. Once one gets to Thomas-Fermi thermostatics and Lattice Boltzmann, you will then understand that Standing Waves also have Standing Wakes. This principal of sustaining the Plasma with Continuous Electrification is what holds the Wave/Wake Tensor in equilibrium.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Mar 2025
Replying to @AshtonForbes @ashtonforbes
I have had over a thousand people on twitter tell me, "NO SUCH THING as PLASMA Vaccuum Bubble". They lie to themselves, I say what I know.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
27 Mar 2025
Replying to @Bargas_treanty
When you artificially lower temperatures to just below Zero degrees Kelvin, Compasses will swing in local area toward the cold spot.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Mar 2025
Replying to @James7312511388 @mokobujo @ashtonforbes
RP-1 is desulphated Jet A.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Mar 2025
Scientists Made Plasma That Is 50 Times Colder Than Deep Space. vice.com/en/article/scientis…

Scientists Made Plasma That Is 50 Times Colder Than Deep Space

Scientists have created a laser-cooled neutral plasma for the first time that will be used to simulate some of the hottest and most exotic matter in the universe.

vice.com
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27 Mar 2025
Replying to @James7312511388 @ashtonforbes
Electron are Fixed in space and gyrate in locality, a non-transport condition when the presents of a high voltage Field is correctly oscillated. Ion Trapping (Wolfgang Paul) and Electron Trapping (Irving Langmuir) are pinnacled to understanding Nuclear Transport. Incandescently Heated sintered Thorium Antennas in a Geometric arraignment, trap large quanta of electrons (Bunched) around the vehicle and a Laminar Flow of Cold over rich Methane mixture is physically modulated to form the low-level combustions initial shockwave. Then in the wake or rarefied media, the over rich methane Vapor behaves as a magnetic Fluid. With your magnetic fluid, you wiggle it in a laminar flow across your spacecraft. You regulate Plasma Field's stability by feeding the over rich vapor and an Ions Seed gas from a wire feed system that completely combust the wire to a high temperature vapor. This increases Plasma density. The spacecraft Buoyancy system regulate collisional rate to establish Plasma stability and Field integrity. With these methods, you make Plasma Dynamic Pressure Waves, Longitudinal Physical Pressure Waves. If a wave moves in nothingness, there is more nothing on the forward side of the wave.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Mar 2025
Replying to @AshtonForbes @ashtonforbes
Advanced technologies are hard to teach to PhDs. There are less than 30 Engineers total in the entire US DOD/DOE Antigravity Engineering Programs. The real program is small, less than 300 people involved. Because the program is hidden from the public, the DOD doesn't get the best talent, and teaching is required to mentor incoming engineers or everything you learned in your

career, will not be passed down. There are few Physicists involved in the program, the ones I met were compartmentalized in their mind and they failed to grasp Standing Vacuum Waves. and most people I worked with had engineering degrees. Physicist in these covert programs work Thermal transport problems due to the scale of thermal problems. DOE project management practices are structurally & Socially Engineered to give DOD plausible deniability. No government investigation will find the UAP research. The technology is already in the textbooks, just not comprehended or realized by Academia. There is no technology to hide, Most people are incapable of picking up a textbook and reading about Ion and Electron Plasma DYNAMIC Pressure, they would rather say it's hidden.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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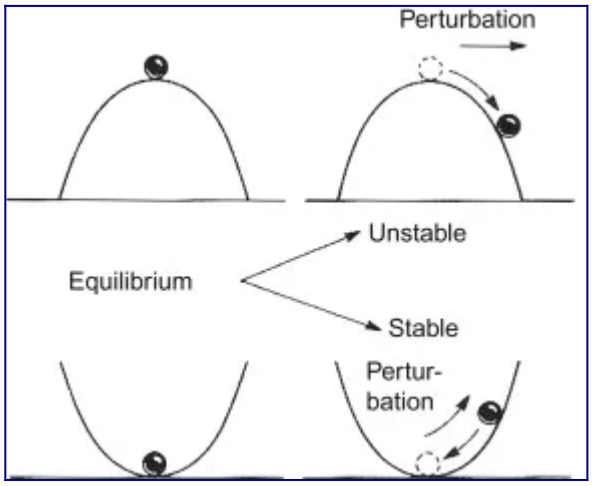
26 Mar 2025

Landau Kinetic Equation for Electrified Gas Discharge, Plasma. The Collisional Zone is similar to the High-Pressure wave followed by the Low-Pressure Wake (Vacuum) relation. (See Hummingbird post) This is called Plasma Dynamic Pressure in modern textbooks.

en.wikipedia.org/wiki/Landau…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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26 Mar 2025

Replying to @AshtonForbes @ashtonforbes

One major Engineering constraint in Salvator's is bounding the plasma in the interior plasma generation and confinement system. The Plasma Field must be external to the vehicle. Containing Plasma inside containers, as un-couples the Kinetic Pressure Coupling influence of Field. Salvatore Piaz has never studied or been made aware of Adiabatic Unbounded Plasmas. There are no new textbooks or monographs since 1966. The material is lacking due to DOE/DOD dominance in the field. www-thphys.physics.ox.ac.uk/…

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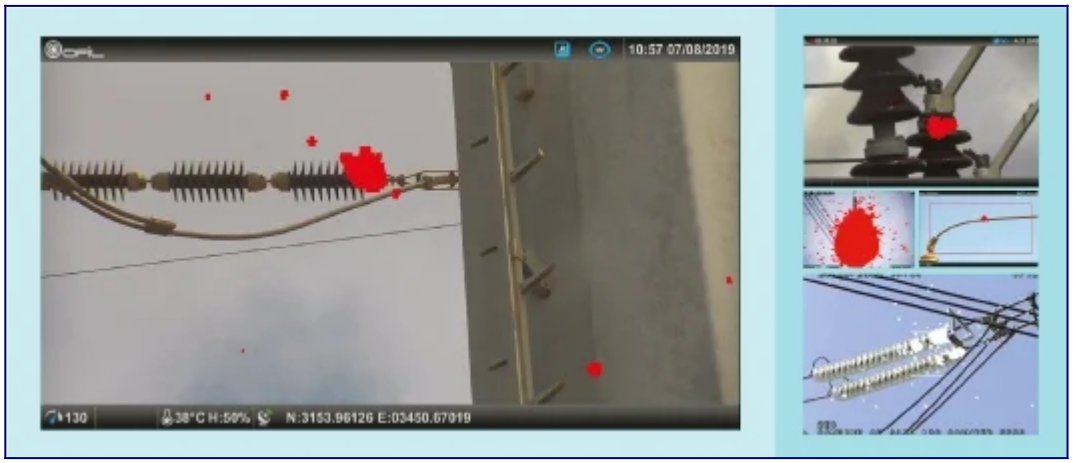
24 Mar 2025

Replying to @RonyVernet

I see an internal Sync signal getting external white noise as result of the CCD ability to absorb out of band RF. CCD are excellent RF absorbers. I worked on Corona Camera Noise for the USAF back in the 1990's. Corona Camera's offer the ability to show off the RF gathering abilities of CCD.

They are quantitative slow scan cameras, rendering cameras, good ones are very expensive. >$400,000. Corona Cameras will pick up Antigrav-UAV instantly. tauruspowertronics.com/coron…



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24 Mar 2025
Replying to @RonyVernet
It appears , the RF Noise Couples at the Camera's CCD to enter the circuit.
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22 Mar 2025
Replying to @LehtoFiles
Government Antigravity vehicles are Trans-Media. The electrified Plasma field that pushes the adiabatic atmosphere away from the surface of the antigravity vehicle, also pushes a Liquid adiabatic Media, the ocean, several inches away from the antigravity vehicle's fuselage surface, with an electric bubble. Automated Eikonal Velocity Correction algorithms, in the Buoyancy Sytems's Feedback and Plasma Stability algorithm subroutines, Adjust Plasma Volume and Outer Magneto-sheath rigidity by increasing outer boundary electron charge, with heat from methane oir jet A over rich combustion, to a fire contributed 1Mev+. This charge of over 1Mev is more than enough to shove all surrounding adiabatic media several inches away, establishing a Thermostatic Barrier on the outer most layer. These vehicles generate great suction with a continuous "DOWN HILL VACUUM WAVE" technique that sucks the vehicles along frictionless and inertialess.(You are weightless when the Plasma Buoyancy field is energized.) To move with this technology, you alter your concentric guiding center of field. You move the vehicle toward the outer barrier by dissipating that region of the field. This action causes Plasma Ion transport migration.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Mar 2025
Replying to @jennerbrownX
TO GO REAL FAST, YOU MUST MENTALLY RECONFIGURE YOUR MECHANICAL CONCEPTS OF REACTIONARY ENGINES. To go real fast Government UAP generate a locality of low pressure, with Electrified Plasma, in the surrounding adiabatic media and electrostatically lower the surrounding adiabatic pressure to below that found in low earth orbit, then, in localized geometrical spots on the antigravity spacecraft's fuselage, (To move in Nuclear Transit), the Pressure is further lowered, electrostatically and ionically fed a Ion Seed Gas to the Plasma field, through incandescently heated Thorium Antennas, to pressure lower, lower than found in deep space. Antigravity vehicles generate ultra-low nuclear pressure with a geometric and constrained Phase, more simply, they suck themselves forward in a Frictionless and Gravity Nulling Thermal

Function. It is cheaper and faster, no speed limit, to utilize relativistic electric plasma Vacuums to exploit Nature to Pull the vehicle in a Nuclear Transport, trying to close the vacuum plasma bubble back up.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

20 Mar 2025

I asked Grok some questions about the relation to Thermal Limit & Thomas-Fermi Ions and Electrons? It broke up sentences, so I added some. Let's explore the relationship between soliton collapse, dense plasmas, and the thermal limit, with a specific focus on the Thomas-Fermi model for ions and electrons. We'll weave these concepts together, explaining how thermal limits and the Thomas-Fermi framework influence soliton collapse in dense plasmas. Recap: Soliton Collapse and Dense Plasmas Soliton Collapse: A soliton (e.g., ion-acoustic or electromagnetic) in a plasma builds energy monotonically until nonlinearity overtakes dispersion, leading to a rapid focus or dissipation (e.g., nanoseconds in dense plasmas). Dense Plasmas: High-density strongly coupled plasmas where collisions and collective effects dominate, amplifying soliton collapse intensity. Thermal Limit in Plasmas The Thermal Limit isn't a standard standalone term in plasma physics but can be interpreted as the boundary where thermal energy (kinetic energy of particles, $(k T)$) governs plasma behavior, competing with other forces (e.g., electric, magnetic, or nonlinear effects). In the context of soliton collapse and dense plasmas, it likely refers to: The point where physical Thermal Pressure resists further compression or collapse. The maximum temperature or energy density a plasma can sustain before physical constraints (e.g., dissociation, degeneracy, electron fractionalization or radiation losses) dominate. Role in Soliton Collapse Buildup Phase: As a soliton compresses (e.g., ion density or EM intensity rises), thermal energy increases—electrons and ions heat up due to collisions or field acceleration. Collapse Constraint: Thermal pressure builds to a 1 DOF and pushes back against the Electron-to-Electron Soliton's compressing plane of focusing: For ion-acoustic solitons, electron temperature provides the restoring force, if outward Electron pressure spikes too high, dispersion strengthens, non-linearity on locality occurs, potentially halting collapse. In dense plasmas, high (n) and (T) amplify this pressure, setting a "thermal limit" to how tight the soliton can squeeze. Shut-Off: If collapse exceeds the thermal limit (e.g., runaway compression), it triggers rapid dissipation—energy converts to heat, radiation, or turbulence, aligning with your nanosecond shut-off. Inward 2 DOF Mesonic Electron Waves will self-Landau damp from the restrictive force of the outward flow of out of phase electrons. Dense Plasma Twist In dense plasmas, the thermal limit shifts: High Density: means more collisions, raising (T) faster during collapse. In advanced Electrogalvanic craft design, your Electron Temp must be substantially higher, prefer super saturated thermal electrons flow be constantly outward so as the outer boundary's Debye distance becomes nonlinear and a Grand Canyon of Electron-to-Electron Space forms. In free standing Plasma Vacuum bubble base spacecraft engineering, you must CFD model every vehicle to establish the lower thermal transport Limit so there is Thermal Flow to the outer Soliton Electron to Electron Magnetosphere, (outer wall of the Plasma). The CFD modeling requirement is to prevent the possibility of burning your vehicle up. You must engineer a laminar flow Ion Zone that instantly strips Ions of lightly bonding forces, so they obey the Plasma Macro-field of stability. A well-designed Laminar Ion flow zone Holds Slow Cold Ions toward the vehicles surface, but the field is very electro-negative toward the hot electrons. The Hotter the Electrons, the space between electrons grows, and the further out to the plasmas outer Gulag, where the Thermal Limit captures and hold more electrons, in their DESIRED upper temperature limit, and engineering a spacecraft that pushes hot thermal electrons away from the surface of the spacecraft but still maintains a chain around the electron neck with the slow Laminar cold Ion flow, engineered into the surface. The lack of knowledge of Nuclear Thermal Transport and Thomas-Fermi Thermal Limits, gives UAP authorities and TV specialist delusions of multi-gigawatt nuclear, power supply. Coupling: Strong ion-electron interactions is interparticle spacing) make thermal effects more pronounced, resisting soliton stability. Thomas-Fermi Model: Ions and Electrons The Thomas-Fermi (TF) model is a quantum statistical approach to describe electrons (and sometimes ions) in a

dense, degenerate plasma or material. Thomas-Fermi modeling approximates particle dynamic behavior as a Fermi gas, accounting for quantum effects when densities are so high that thermal energy is dwarfed by Fermi energy. Basics Electrons: Treated as a degenerate electron gas with energy up to the Fermi level: : Electron density. Potential: The electric potential satisfies a screened Poisson equation: reflects the Fermi-Dirac distribution. Ions: In dense plasmas, ions can also be modeled as a Fermi gas if degenerate (e.g., in neutron stars), but typically, TF applies to electrons screening fixed ion charges. Dense Plasma Relevance Degeneracy: making the plasma degenerate. Screening: Thomas-Fermi predicts short Debye length shrinks Electrostatic Solitons and altering their dynamics. Relation to Soliton Collapse and Thermal Limit Here's how the thermal limit and Thomas-Fermi ions/electrons interplay with soliton collapse in dense plasmas: 1. Soliton Formation and TF Effects Ion-Acoustic Solitons: In low-density plasmas, electrons are Maxwellian (thermal), balancing ion motion. In dense plasmas, TF degeneracy makes electrons stiffer—less responsive to thermal pressure, enhancing nonlinearity. Formation: A voltage ramp compresses ions, but degenerate electrons screen the field tightly, forming smaller, sharper solitons. EM Solitons: Thermal Limit: Degenerate, hot, electrons reduce Electron to Ion Kinetic Coupling, but the related action of the ION still has a good 2DOF Kinetic Coupling to Electrons downstream in plasma thermal current flow, pushing the thermal limit higher solitons form more easily but resist thermal dispersion. As thermal transport and Ambipolar Diffusion occurs in the spacecraft Plasma field, The Electrons Bunch in Onion-like layers until nonlinear Debye spacing in the interfacial Electron to Electron force has established a thermal Gapping toward the outer most Electron-to-Electron Boundry region, setting up the plasma's outer Magnetosphere. 2. Collapse Dynamics Buildup: Thomas-Fermi Influence: Degenerate Electrons, hot, increase plasma stiffness, letting solitons compress further before thermal or dispersive forces kick in. The rise (e.g., density or potential) is steeper and more monotonic—akin to your sawtooth. Thermal Limit: In non-degenerate plasmas. resists collapse; in Thomas-Fermi dense plasmas, thermostatic regions dominate, delaying this limit until extreme densities. Collapse: TF Role: As the soliton focuses, spikes, and Thomas-Fermi thermal limit screening tightens, driving a singularity-like collapse (e.g., microns or less). Collisions or quantum effects (e.g., Pauli blocking) then trigger the shut-off. Thermal Limit Breach: If collapse heats the plasma beyond degeneracy , thermal pressure dissipates it—nanoseconds in dense systems (e.g., laser plasmas). Shut-Off: A collapsing Magnetoacoustic, ion-acoustic soliton in a plasma breaks into heat or radiation in ~10-50 ns. 3. Dense Plasma Context Z-Pinch: During implosion, solitons collapse at peak compression. Thomas-Fermi electrons enhance focusing, but thermal limits trigger X-ray bursts. Laser ICF: EM solitons collapse in the dense corona with TF degeneracy aiding compression until thermal or shock dissipation (fs-ns). Arc: A 10 MV 1/4 Forward Sawtooth wave ramp could drive a soliton in a dense plasma , collapsing when the arc fires—TF effects sharpen the rise, thermal limits cap the density. Thomas-Fermi Ions/Electrons: Electrons: Degeneracy stiffens the plasma, enhancing soliton nonlinearity and collapse intensity. Ions: Rarely degenerate in lab plasmas (due to higher mass, but in extreme cases (e.g., neutron stars), TF ions could amplify collapse. Final Synthesis Plasmas: The medium where solitons live, dense ones amplifying collapse. Soliton Collapse: A monotonic energy rise (TF-enhanced in dense plasmas) capped by thermal limits, ending in a rapid ns-fs shut-off. Dense Plasmas: High (n) and TF degeneracy sharpen solitons, pushing thermal limits higher until collapse unleashes extreme conditions. Thermal Limit: The point where (k T) or EFE_FE_F halts compression, triggering dissipation. Thomas-Fermi: Degenerate hot electrons reshape soliton dynamics, intensifying Thermostatic flow until collapse in independent corpuscular dense regimes

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Mar 2025
Replying to @TheRealVerbz @luismbat
Well said.
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@TMBSPACESHIPS

20 Mar 2025
Government UAPs do not have exotic Nuclear power supplies. Burning 1 gallon of jet fuel in 1 second would produce 131.88 MW of power.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Mar 2025
For those dead set in their mind that UAVs / UFO utilize fancy magic power supplies, A King Air 350 burns up to. 20 to 25 Megawatts per trip. A 40 foot x 10 feet diameter Antigravity vehicle burns less than 15 Megawatts per hour to go to Orbit, taking only seconds.
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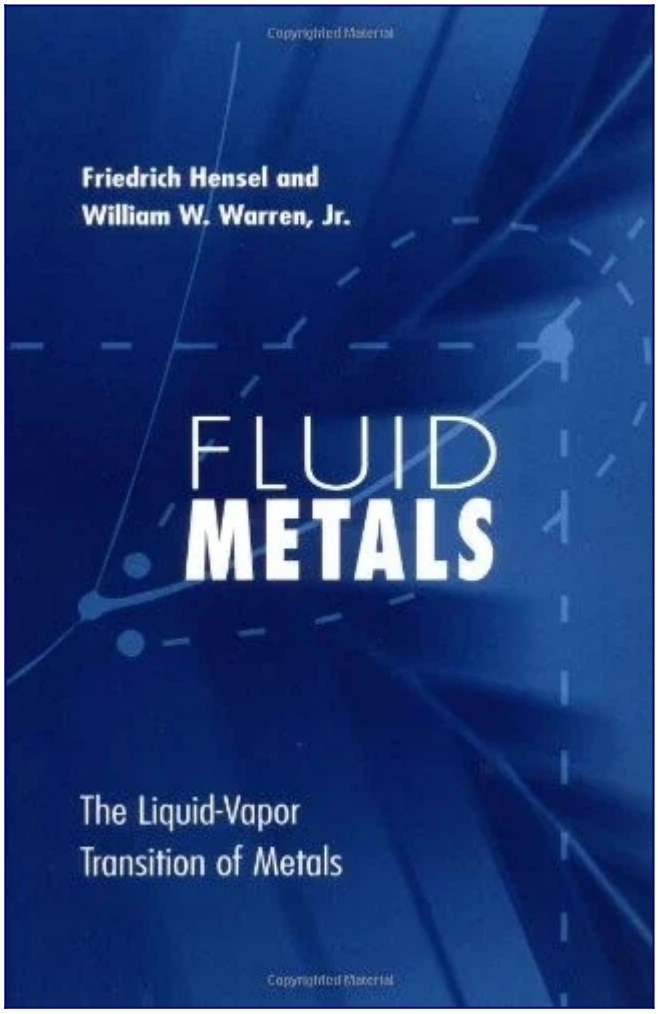
3 Mar 2025
The Moon's surface pressure, exospheric pressure rather than a literal adiabatic process, is: Millibars: ~3×10^{-12} mbar (night) to 10^{-11} mbar (day). Millitorr: ~2.25×10^{-12} mTorr (night) to 7.5×10^{-12} mTorr (day).
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Mar 2025
Replying to @TheRealVerbz @rj_shanahan @LilithDatura
This textbook teaches how to apply Mechanics and Boltzmann electrodynamics in Liquid Metal studies.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Mar 2025
Replying to @squirrelgonenu1

The simplest path to free energy is to shock it out of the Electrons Continuous Lattice, where nature restores the displacement of Electron Gas. These devices are called, SOLID STATE ALTERNATORs in the Covert programs. I use the phrase Electron Gas instead of Plasma due to traditional research being under this name back in the 1920's and 1930s.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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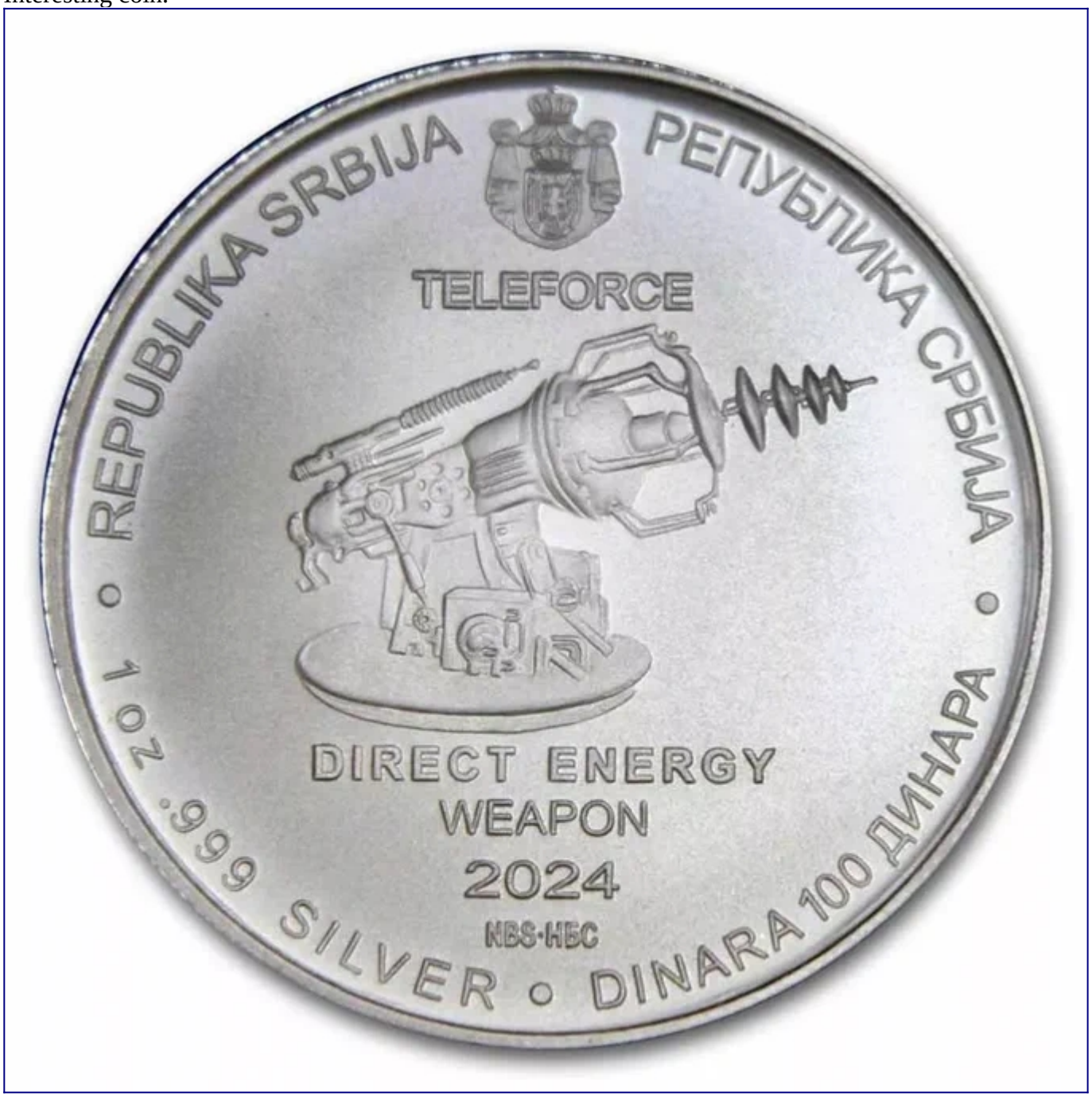
1 Mar 2025
Interesting coin.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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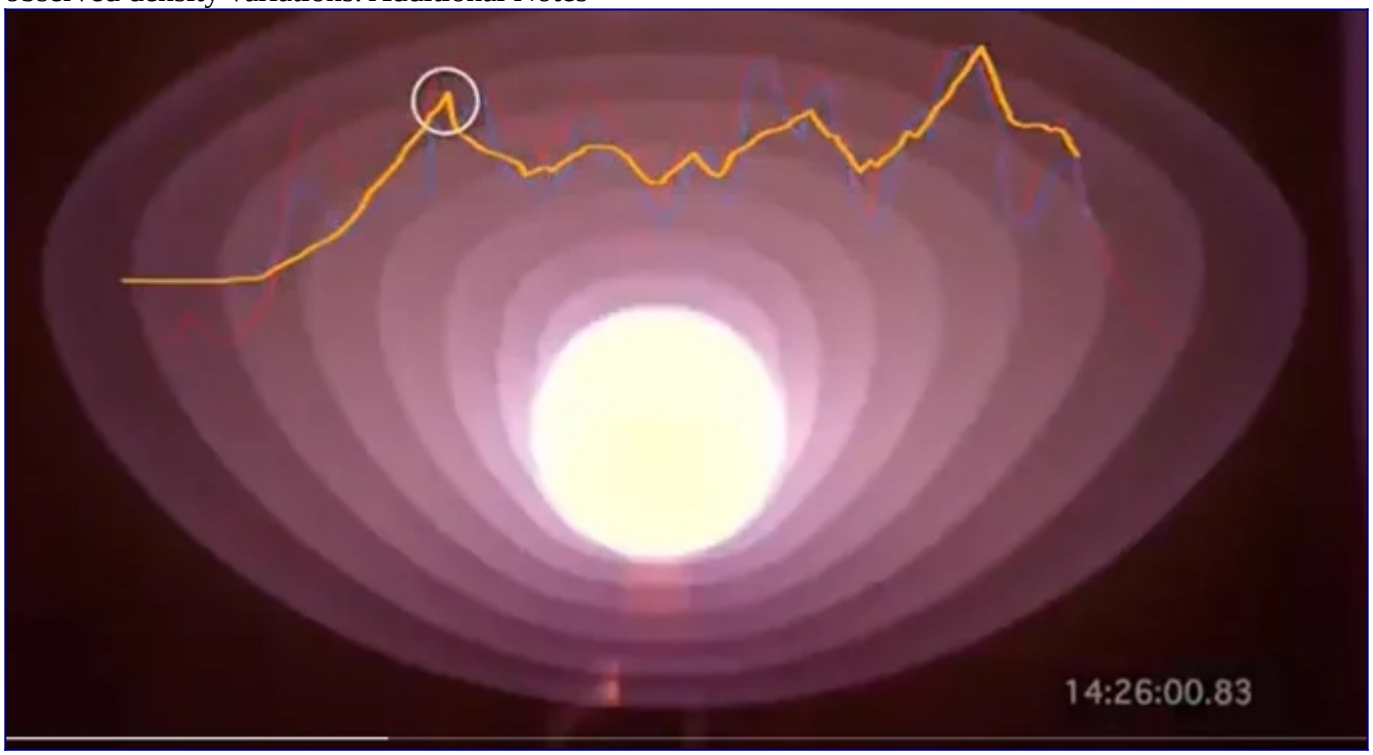
28 Feb 2025
Replying to @HeavyEagleBlast
There is a Nav INDEX REFERENCE SYSTEM for "Indexing/Caging" the onboard Attitude Reference System in the Area near Mineral Wells still in function. This will cause local sightings.

This Nav Index Reference System is for "Compass Alignment" the same as conventional aircraft but uses UVX/C optical Data link, using Link16 Optical architecture.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Feb 2025
Replying to @AshtonForbes @ashtonforbes
Teaching Note on Plasma, The image illustrates a plasma system characterized by Debye shielding, where charged particles (ions and electrons) screen each other's electric fields. This results in a characteristic length scale called the Debye Length, which separates the interactions between particles: Ion-to-Ion, Ion-to-Electron Interfacial Ambipolar velocity, Ion-to-Electron, Electron-to-Electron Interfacial Ambipolar velocity, Electron-to-Electron and Electron-to-Fractional matter. The Plasma pictured is depicted as having an Onion-like structure, with concentric layers representing regions of varying particle densities, velocities, and interaction strengths. These layers can be thought of as spherical shells, each with distinct physical properties governed by statistical mechanics principles (as described by Maxwell, Debye, Gibbs, and Boltzmann). (Innermost Region of Each Layer) At the inner boundary of each shell, the velocity of particles is nearly zero. This is due to the presence of heavier ions, which have larger mass and lower mobility compared to electrons. These "fat" (more massive) ions move slowly, resulting in a region with minimal dynamic activity. (Middle Region of Each Layer) As you move outward within a given layer, the ion-to-ion interactions reach a Distributive Statistical Equilibrium. This means the momentum distribution of ions follows a Maxwell-Boltzmann distribution, where the ions' Velocities are more evenly distributed, reflecting a balance in the (K) Thermal energy and interactions within the plasma. (Outer Boundary of Each Layer) At the outer edge of each shell, the dynamics change significantly. The velocity of particles increases, and there is a higher curl or rotational motion (indicative of vorticity or spin in the plasma). Additionally, the electron-to-ion density ratio increases, meaning there are relatively more electrons compared to ions in this region. This leads to a higher overall charge mobility(Q+K) and faster dynamics, as Electrons are much lighter and more responsive to electric fields than ions. The gradient across each layer reflects the interplay of particle densities and velocities, with the "balloons" (or shells) representing regions where these properties oscillate or resonate, possibly due to collective behaviors like plasma waves or instabilities.
---------- GROK's Physics Accuracy Check, for critiques. Let's verify the key physics concepts mentioned: Debye Spacing (Debye Length): The Debye length is a critical concept in plasma physics, defined as the distance over which electric fields are screened by the redistribution of charged particles. It depends on the plasma temperature and density. (The Onion-like Gradient and Layers) These layered structures align with the Plasma research and can exhibit spatial variations in density and temperature, especially in systems like magnetized plasmas or during plasma instabilities. The "onion-like" description suggests a radial symmetry, which is common in spherical plasma configurations (e.g., in stellar plasmas or laboratory experiments like inertial confinement fusion). (Velocity Gradient Across Layers:) Inner Region (Low Velocity): The note states that the innermost part of each layer has nearly zero velocity due to heavy ions. This makes sense because ions, being much more massive than electrons. Due to everything in the universe moving (Thermal background noise) and nothing in the universe is not moving. The Ions will always have thermal motion, but it's much slower compared to electrons. (Middle Region - Equilibrium in Momentum) The statistical equilibrium of ion momentum aligns with the Maxwell-Boltzmann distribution, which describes the velocity distribution of particles in a thermalized system. In a plasma, ions and electrons may have different temperatures, but within a given species (e.g., ions), their velocities follow this distribution in equilibrium. (Outer Region) Higher Curl/Spin and Electron-to-Ion Ratio): The mention of "curl/spin velocity" likely refers to rotational motion or vorticity in the plasma, which can arise from magnetic fields (via the Lorentz force) or velocity shear. The higher electron-to-ion ratio at the outer boundary is plausible in certain contexts, such as in a plasma where electrons are more mobile and can accumulate in regions of lower potential. However, in a quasi-neutral plasma, this ratio wouldn't deviate significantly unless there's a specific

mechanism (e.g., ambipolar charge separation due to an electric field or boundary effects). "Balloons of Overtones of Densities": This phrase is a bit metaphorical. It might refer to regions where density fluctuations oscillate, possibly due to plasma waves (like Langmuir waves for electrons or ion acoustic waves). "Overtones" could imply harmonic frequencies of these oscillations, but this isn't a standard term in plasma physics. A more precise description would be "regions of oscillating densities due to collective modes." References to Maxwell, Debye, Gibbs, Boltzmann: These are appropriate: Maxwell: Maxwell-Boltzmann distribution for particle velocities. Debye: Debye shielding and Debye length. Gibbs: Gibbs distributions in statistical mechanics, relevant for thermodynamic equilibrium. Boltzmann: Boltzmann equation for describing particle distributions in non-equilibrium plasmas. ---------- Groks Final Clarified Version The image depicts a plasma with concentric layers, where the Debye length governs interactions between ions and electrons, as well as within each species (ion-to-ion, electron-to-electron). These layers form a spherical, onion-like structure, with each shell exhibiting gradients in particle density and velocity, influenced by statistical mechanics principles (Maxwell, Debye, Gibbs, Boltzmann). At the inner boundary of each layer, particle velocities are low due to the presence of heavy, less mobile ions. In the middle region of each layer, ions reach a statistical equilibrium in their momentum distribution, following a Maxwell-Boltzmann distribution. At the outer boundary, the plasma exhibits increased rotational motion (vorticity) and a higher electron-to-ion density ratio, leading to faster dynamics driven by the lighter, more mobile electrons. These layers may also support collective oscillations, such as plasma waves, which contribute to the observed density variations. Additional Notes



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Feb 2025
Replying to @DAVID19Vincent
It is the most difficult subject to teach.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Feb 2025
Replying to @DAVID19Vincent
The majority of DOD/DOE Antigrav Programs were moved out of CONUS in 1994. The Calvine UFO was fabricated on a NASA/DOE/DOD program. Design began in 1975 and construction began

around 1978 at NASA's McGregor RP-1 Plant, (which SpaceX owns today.) Flight operations began in 1979. I saw the same Calvine antigravity vehicle, from the pictures, in a Shoring Fixture at the NASA covert fabrication facility in 1990 again in 1991. In 1991, I asked why it hadn't moved since I was last there and I was told it was a deathtrap awaiting to be cut up. It had no real attitude control system. It used Radioactive antenna and utilized Radium, Mercury and Fluorine in it's ION seed gas. I was also told, that Calvine model and other model don't move once they get to space due to poor reengineering.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Feb 2025

Replying to @CatMan0086560

Standard Pressurized Spacecraft Engineering Rules apply.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Feb 2025

Replying to @AshtonForbes @ashtonforbes

Plasma Magnetic Confinement basic Elements in EMK(T) forces. Plasma BUOYANCY FIELD E & B CHARACTERISTICS. The E Fields role in Antigravity Spacecraft's Plasma Vacuum Bubble is to Physically oscillate the Laminar ION Flow region, then driving Velocity & Thermal Ambipolar Mesozoic Magnetoacoustic rarefied Plasma waves of a extreme Negative E Field, from the oscillations, forcing un-Polarized and re-Polarized Electron Expulsion from surface of fuselage, causing a Electron Displacement/Spin/Diffusive Turbulence that is in a differing region in nuclear LOCALITY from the cooking IONS. The Plasma Standing Vacuum Wave sets up the Electric Vacuum Bubble via Ambipolar where E Field sets velocity where E balances ION and ELECTRON distributive motion in the quasi nuetral Plasma ($\nabla \cdot J = 0$) . So, E Drives Ion Flow velocity in Plasma. The Plasma Vacuum Bubble stability comes from. Keep Modulation down as close to 1Hz or as close as the reflections from combustion are easily damped once the vacuum bubble is stable. Initial system ignition combustion will cycle over 1000Hz, then the Modulating Diaphragms slow down the oscillation by force. The Magnetic Axial B Field Supports Standing Alfven Waves ($v_A = B/\sqrt{(\mu_0 \rho)}$) where B interacts with -plasma Denity ρ, to stand up Longitudinal Waves, both Propagation and non propagation of the waves velocity. B Field stabilizes the Laminar Flow on the Fuselage when synced with shockwave induced currents. The B Field fight dispersal holding the Laminar flow to the Fuselage skin.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Feb 2025

In these posting you will find information on Advanced Field Propulsive Spacecraft design that utilizes a Plasma Kinetically Null Field to achieve adiabatic gravitational Buoyancy and manipulate a adiabatic atmospheric Standing Wave Plasma to cause a vacuum lower than found in low earth orbit to generate a area on the spacecraft fuselage skin that is pulled in the desired direction by a hard vacuum that provides propulsion via a electric field generated and commanded suction, while in a standing vacuum bubble, challenging a century of well-greased but stalled Gravitational Theory with a simple, open-source design. I cannot define gravity for you. You must do your own research to dispel your human arrogance so that, you find that answer in your humility, so as to avoid the Troll Trap from Narcissist by posting a suggestion. You must CFD model every vehicle to engineer maximum efficient electrical expenditure to electrify a smooth cylindrical shaped, dipole looking spacecraft fuselage (scale model = 10 m long, 1 m radius) with a high-voltage, low-frequency oscillating arc (10^7 V, 1–17 Hz, 10^9–10^{10} W), we generate a plasma vacuum bubble that decouples the surrounding adiabatic medium—sea-level air at 101,325 Pa—creating an ultra-hard vacuum (e.g., 10^{-15} Pa) along the skin. The Standing Plasma Waves, standing wake is the vacuua side of the wave, existing as a Soliton bubble, which the atmosphere would collapse were it not for the continuous ion seed gas and fuel mixture heating the Electrons to Superthermal conditions (increase

dimensional space), increasing Plasma Wave stability by a sustained by cold heavy (fat slow American) Ion-seeded fuel (e.g., RP-1 with potassium, SF6, Radon, Thorium Nitrate mixture of Ion Seed Gass) burned in speaker-like diaphragm modulators at each end, driving longitudinal Magnetoacoustic Kinetic Alfvén Plasma waves ($v_A < 343$ m/s) that push against the Cosmic Thermal background, (hydrogen Ion Lattice of Continua), reducing the permittivity of Free Space and yielding a net Buoyancy Force (up to 3.5×10^6 N) exceeding the craft's weight (9800 N). The surrounding Plasma field's Ambipolar Diffusive flow causes Hot Electrons to channel away from the fuselage, where a near 1:1 Ion to Electron Laminar Oscillation pull free and lightly bonded electrons from the vehicle interior. In the Laminar Ion rich oscillation zone on the fuselage, has hot electrons channeling away at such a smooth transitional velocity, the Electron flows Wake causes the Ions to electrostatically favor the spacecraft skin in adiabatic media adhesiveness, kept close by the altered nuclear properties in the fuselage skin. A Valence-driven Plasma spray thermal coating such as zirconia, barium titanate ect.. ($\varepsilon_r \approx 2000$), and charged radially outward, growing Electret Gradient grains to enhance efficiency by amplifying the electric field ($E \approx 10^7$ V/m) and enabling a Leidenfrost-like electron flow, minimizing frictional losses. Resulting in complete weightlessness and frictionless from the vacuum, when the field is energized and stable. My belief defines Acceleration/Gravity as a unique K , being one of three nuclear forces, 1. Electric (E), 2. Magnetic (M), and 3. Kinetic (K)—acting in 2D planes, where K trades Lattice Expansion or Contraction (TRANSPORT for Thermal) as a trade for thermal equilibrium. rejecting the four nuclear-force theory and notions of Dimensional Space being joined at the hip to Light by a 90-degree relationship (Einstein's C) as false academic dogma. I only believe in 3 Forces of Nature in Nuclear Transport. These Spacecrafts System integrates mature technologies such as Incandescently Heated Sintered Thorium Antennas, that constrain Electrons to a 1 DOF Longitudinal Statistical Superthermal Electron Lattice, while servo-driven diaphragms Physically Oscillate cold Ion-rich plasma ($n_e = 10^{13}$ m^{-3}) across it, compressing kinetic vectors against a 1D "wall". Being repetitive, the basic Theory of Operation for manmade antigravity spacecraft is to generate a Plasma Vacuum Bubble that Pulls the spacecraft by a ELECTRIFIED SUCTION generated on the spacecrafts skin in a geometrically governed field, in the desired direction of travel.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Feb 2025
CERN's Large Hadron Collider (LHC) has a vacuum system that Pulls the main "Beam Pipes" vacuum down to 10^{-15} mbar, While Low Earth Orbit vacuum/pressure is about 10^{-6}mbar. Cern uses US Folding Money to pull vacuums lower than found in space.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Feb 2025
Replying to @jennerbrownX
NASA's Wake Shield Facility experimented with making lower space pressures by Wakes/Eddys.
en.wikipedia.org/wiki/Wake_S…

Wake Shield Facility - Wikipedia

en.wikipedia.org

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

21 Feb 2025

There are only 3 to 30,000 electrons per foot/cm linear volume at Sea Level, under Standard Adiabatic Atmosphere and Temperature. Antigravity Spacecraft utilize a synced/Phased double Shock wave, from the vehicle geometrically opposing ends of the rigid body spacecraft to ignite a Fuel based Standing Plasma Vacuum Wave, that is held open by the continuous feed of fuel and a modified fuselage skin that generates a great negative charge. After Ignition of the Field, the Electrons 'Stand Up' and away from the fuselage, but stay 100% entrained adiabatically to the ions coming out of the end combustion modulators. (Chain to the electrons back metaphor) You are weightless when in the vehicle's interior and the field is energized and inertia less, and frictionless due to the electron fields adiabatic electron pressure being substantially lower than found in outer space (Statistically speaking in a Maxwell, Debye Boltzmann sort of way). Also note, when piloting these types of vehicles, flying thousands of miles per hour (continually accelerating), being inertialess, when the vehicles field is charged, making turns at 90° from the direction of travel, due to being inertialess, is beyond the comprehension of Lue Elizondo's 'Soul Patch'. The fuselage skin is a Glassy Plasma Sprayed process to change the materials nuclear and spin response properties. (Zirconia and Borosilicates make nice Matterhorn White.) The plasma sprayed fuselage is a Float per Watt efficiency improvement by material Ambipolar Property alteration. (Make the skin an electret) The Plasma Spray material processing for antigravity vehicle is not specifically for the high K Dielectric, but must be valence driven to draw the Laminar Flow's Modulating Ion into a "Pretend Renormalization zone", so as to physically couple the plasma's adiabatic Ion Adhesiveness

of field, Coupling through Physical Ion Pressure/Ambipolar Diffusion between the modulator's combustion chamber and the fuselage surface, while throwing the ions back against the spacecrafts fuselage in the 1st Order Reflected Wave (Standing), reflecting off the electrons closer Lattice structure as they are driven toward the Plasma's outer self-sustaining soliton magnetosonic envelope. The Plasma Sprayed skins have a Periodic inspection and rework Cycle to maintain peak Float Per Watt efficiency. Cost is comparable to standard aviation maintenance cost. No Fuselage Leakage is allowed with these type vehicles as the ionic pumping will asphyxiate the occupants. The Plasma's Electric Field Oscillating on the fuselage skin has a modulated Vacuum, lower than found in space, and will draw internal gas from any leaks and pollute the Plasma Ionization Ion to Electron distributive stability, destroying outer field stability. RF signal will not penetrate the Plasma's magnetic Electron Sheath/Sheets. Most practical com systems are Coblentz UVC (older) & UVX Optical Data Links, or Plasma Modulation with Real Time Plasma (Cosmic Background Longitudinal Modulation) com systems using Link16 type architecture are the best current technology due to lack ability to utilizes standard radio transmissions.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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19 Feb 2025

From Grok; (kinda lengthy) Modeling a Electric Field Propulsive Antigravity Spacecraft. To model the complex scenario you've described—Simulating a Finite Multi Media Field with Magnetoacoustic, Gas and Plasma Dynamics around a hotdog-shaped STL model, including combustion, plasma transition, and electromagnetic interactions —here's a detailed approach using OpenFOAM, CUDA, and PyTorch. This simulation involves multiple physics domains: Fluid Dynamics, Combustion, Plasma Kinetics, and Electromagnetics. Below, I'll outline the steps to set up, execute, and analyze this simulation. Step 1: Problem Breakdown You want to simulate the following phenomena: Fuel Introduction: Gasoline is introduced around an STL model. Combustion: A spark ignites the fuel in an adiabatic standard gas atmosphere. Gas to Plasma Transition: Combustion heats the gas, leading to plasma formation. Ionization Dynamics: A background electromagnetic field increases, with ionization occurring slower than the fire's propagation velocity. Propagation Laws: The simulation follows Mach laws (for supersonic flows), magnetosonic, and magnetoacoustic propagation (for magnetized plasma). Microscopic Interactions: Include detailed kinetics: Molecule to ion (gas to plasma transition). Ion to ion, ion to electron, electron to electron, electron to fractional electron (plasma interactions). Velocities of ions, electrons, and finite volumes of molecules, ions, and electrons. Multiphase Dynamics: Model ambipolar diffusive velocity and vectors of the multiphase field (gas and plasma). This requires integrating computational fluid dynamics (CFD), plasma physics, and electromagnetic field solvers. Step 2: Tools Overview You've specified OpenFOAM, CUDA, and PyTorch. Here's how each fits into the simulation: OpenFOAM: A CFD toolkit for modeling fluid flow, combustion, and multiphase systems. It's the backbone for gas dynamics and combustion. CUDA: A parallel computing platform to accelerate intensive calculations, such as plasma kinetics or electromagnetic field solvers. PyTorch: A machine learning framework that can enhance the simulation, e.g., by predicting reaction rates or plasma properties using data-driven models. Step 3: Simulation Setup 3.1: Mesh Generation Objective: Create a computational mesh around the hotdog-shaped STL model. Tool: Use OpenFOAM's snappyHexMesh. Process: Import the STL file into OpenFOAM. Generate a base hexahedral mesh using blockMesh. Refine the mesh near the model surface and in regions where combustion and plasma formation are expected using snappyHexMesh. Tip: Increase resolution in areas with steep gradients (e.g., near the spark or combustion front). 3.2: Physics Models Combustion Solver: Use OpenFOAM's reactingFoam or rhoReactingFoam for reacting flows. Setup: Define gasoline as the fuel (e.g., a surrogate like iso-octane) and air as the oxidizer. Specify a reaction mechanism (e.g., a reduced gasoline combustion model). Set adiabatic conditions (no heat loss to surroundings). Spark: Model the spark as a small, high-temperature region (e.g., 1000 K) to initiate combustion. Plasma Dynamics Challenge: OpenFOAM lacks built-in plasma

solvers. Solution: Develop a custom solver by extending an existing OpenFOAM solver (e.g., reactingFoam). Add species transport equations for ions, electrons, and neutral species. nclude ionization and dissociation reactions (e.g., $N2 \rightarrow N2{+}{+}e^{-}$) based on temperature and energy input ransition: Couple combustion heat to ionization rates, triggering plasma formation. Electromagnetic Fields Objective: Model the background field's increase and its effect on ionization. Approach: Solve Maxwell's equations to simulate the electromagnetic field. Since OpenFOAM doesn't natively handle this, either: Couple OpenFOAM with an external electromagnetic solver (e.g., via file exchange). Implement a custom field solver in OpenFOAM using user-defined functions (UDFs). Ionization Rate: Adjust the field strength to ensure ionization occurs slower than the combustion front's velocity (e.g., by tuning the electric field magnitude). Multiphase Flow and Kinetics Multiphase: Use OpenFOAM's twoPhaseEulerFoam to treat gas and plasma as distinct phases. Microscopic Interactions: Model interactions (e.g., ion-ion, ion-electron) using fluid approximations with source terms in the transport equations. For detailed kinetics (e.g., Debye shielding, Maxwell-Boltzmann distributions): Simplify with a drift-diffusion model for plasma. Alternatively, use a Particle-in-Cell (PIC) method for critical regions, accelerated with CUDA. Ambipolar Diffusion: Include this as a transport term in the plasma phase, balancing ion and electron diffusion rates. Step 4: Simulation Execution 4.1: Initial Conditions Fuel: Distribute gasoline vapor around the STL model (e.g., as a volume fraction in the mesh). Atmosphere: Set standard conditions (1 atm, 298 K, air composition: 21% O_2, 79% N_2). Spark: Introduce a localized high-temperature zone to ignite the fuel. 4.2: Time Evolution Combustion Phase: The spark triggers a flame front, propagating outward based on reaction rates. Plasma Formation: As temperature rises, ionization begins, forming plasma. Field Increase: Gradually ramp up the background electromagnetic field, slowing ionization relative to the fire's spread (e.g., adjust field strength over time). Propagation: Mach Laws: If combustion exceeds the speed of sound, ensure the solver accounts for compressibility (Mach number effects). Magnetosonic/Magnetoacoustic Waves: For a magnetized plasma, implement a magnetohydrodynamics (MHD) model to capture these wave phenomena. This may require a custom MHD solver. 4.3: Detailed Kinetics Species: Track molecules, ions, electrons, and fractional electrons (e.g., excited states). Velocities: Solve for ion and electron velocities using momentum equations. Finite Volumes: Compute volume fractions of each species within the mesh. CUDA Acceleration: Offload kinetic calculations (e.g., collision rates) to CUDA for speed. Step 5: Visualization and Analysis Tool: Use ParaView (integrated with OpenFOAM). Outputs: Fields: Visualize temperature, pressure, species concentrations, and electromagnetic field strength. Velocities: Plot ion, electron, and ambipolar diffusive velocities as vector fields. Multiphase: Show gas and plasma phase distributions. Analysis: Compare combustion front velocity (e.g., vfire) to ionization rate. Verify Mach, magnetosonic, and magnetoacoustic propagation behaviors. Step 6: Challenges and Tips Complexity: Coupling combustion, plasma, and fields requires custom development. Start with simpler subproblems (e.g., combustion alone), then add plasma and fields. Computational Cost: The detailed kinetics and field solvers are resource-intensive. Use CUDA to accelerate specific tasks (e.g., PIC or field updates). Simplifications: Consider assumptions like quasi-neutrality in plasma or reduced reaction mechanisms to reduce complexity. Validation: Cross-check results with theoretical models (e.g., Maxwell-Boltzmann distributions) or experimental data. Summary Here's how to proceed: Mesh: Generate a refined mesh around the STL model with snappyHexMesh. Combustion: Simulate gasoline ignition with reactingFoam. Plasma: Extend OpenFOAM with a custom solver for ionization and plasma kinetics. Fields: Add Maxwell's equations via a custom solver or external coupling. Kinetics: Model microscopic interactions with fluid approximations or CUDA-accelerated PIC. Propagation: Include Mach and MHD effects as needed. Run: Simulate with initial fuel, spark, and field ramp-up. Analyze: Visualize and verify results in ParaView. This ambitious simulation pushes OpenFOAM's limits, requiring custom solvers and integration with CUDA and PyTorch for performance and advanced modeling. Begin with a basic combustion model and incrementally add complexity to ensure stability and accuracy. Enjoy exploring this fascinating multi-physics challenge!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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18 Feb 2025
Big, Big Antigravity Rabbithole for Antigravity Knowledge tool Kit. Thermostatics and Thermodynamics by Myron Tribus archive.org/details/thermost… Tribus defines thermostatics as the study of systems in equilibrium, where all fluxes (e.g., heat, particle flow) cease, and entropy is maximized given the system’s constraints. For hot electrons in transport to "go thermostatic," they must transition from a non-equilibrium state (active motion, energy gradients) to an equilibrium state. " Hot electrons 'go thermostatic' when their transport energy is fully dissipated, and the system reaches a state of maximum entropy under its constraints (e.g., fixed energy, volume, Phase, PVT 3 point rule). At super high temperatures, Collisions and radiation thermalize the electrons, aligning their velocities with a high (T) distribution of the Electron Lattice of Continua's expansion. The Kinetic Axis reflects T in thermal equilibrium, the Electronic Axis the static Q charge state, and the Magnetic Axis a steady B field (Stress Gradient), all Lattice Cartesian locked by 90 degrees to each other. Per Tribus, this is when "ignorance" about microstates is maximized, and no further information can predict change due to uncorrected scale. Fractionalization (Eikonally Corrected) forces result in virtual/quantitative physical EMK(T) forces.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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18 Feb 2025
Replying to @TheRealVerbz
Electrons can be bound by 2 fixed velocity Fields, to "Statistically Occupy the same location", during FIELD OSCILLATION, Going Nowhere, doing nothing. Going Nowhere, Doing Nothing.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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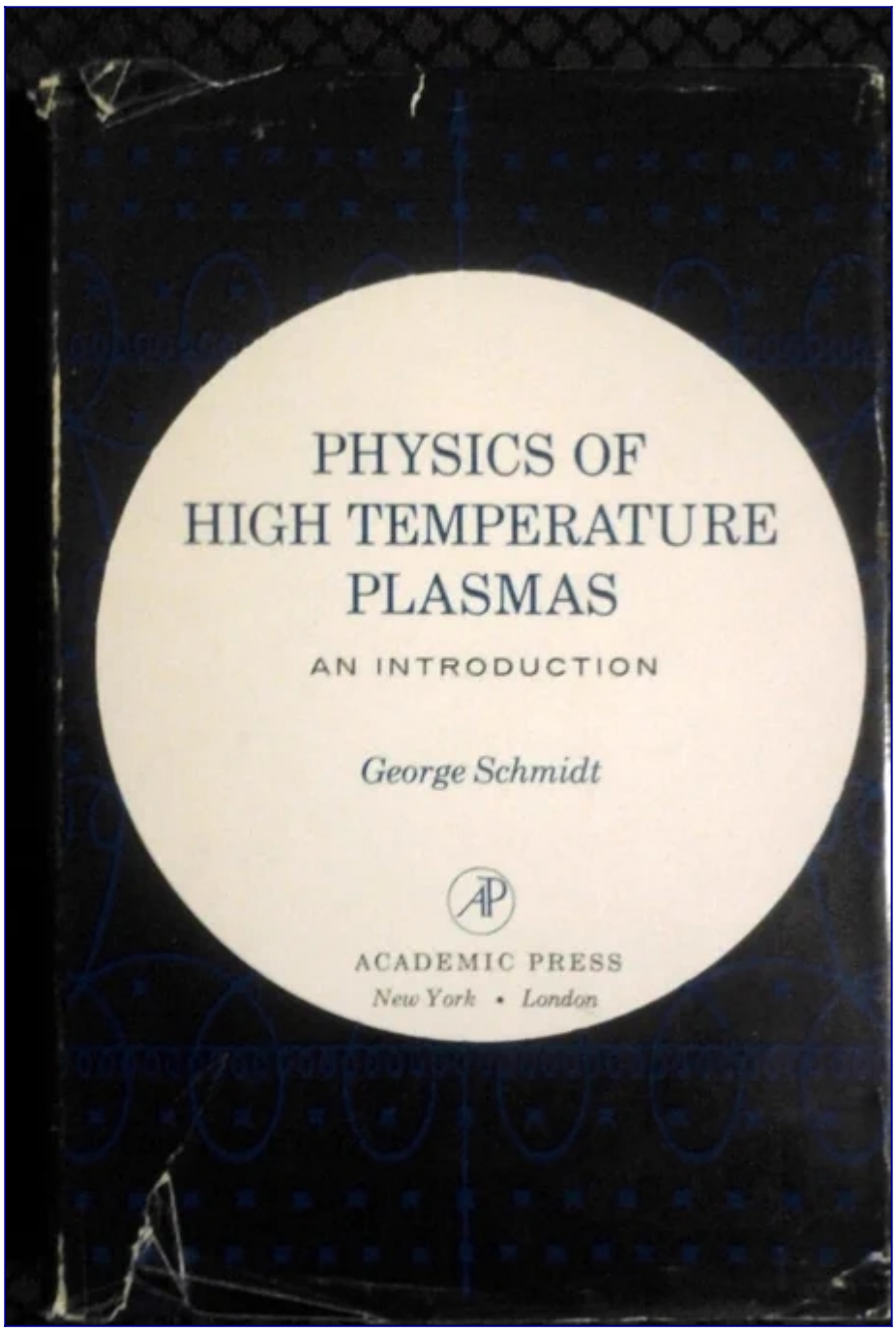
18 Feb 2025
Replying to @TheRealVerbz
In contextual Academic teaching, you must develop a Symantec Tool Set, to comprehend validity of statements. This is noted in most 'Preface' of many Monographs for advance Post Graduate. Semantics are TOOL to understanding advanced Physics. I read this book back in the 1980's and it filled in lots of blanks on Free Standing Plasma Vacuum Bubbles.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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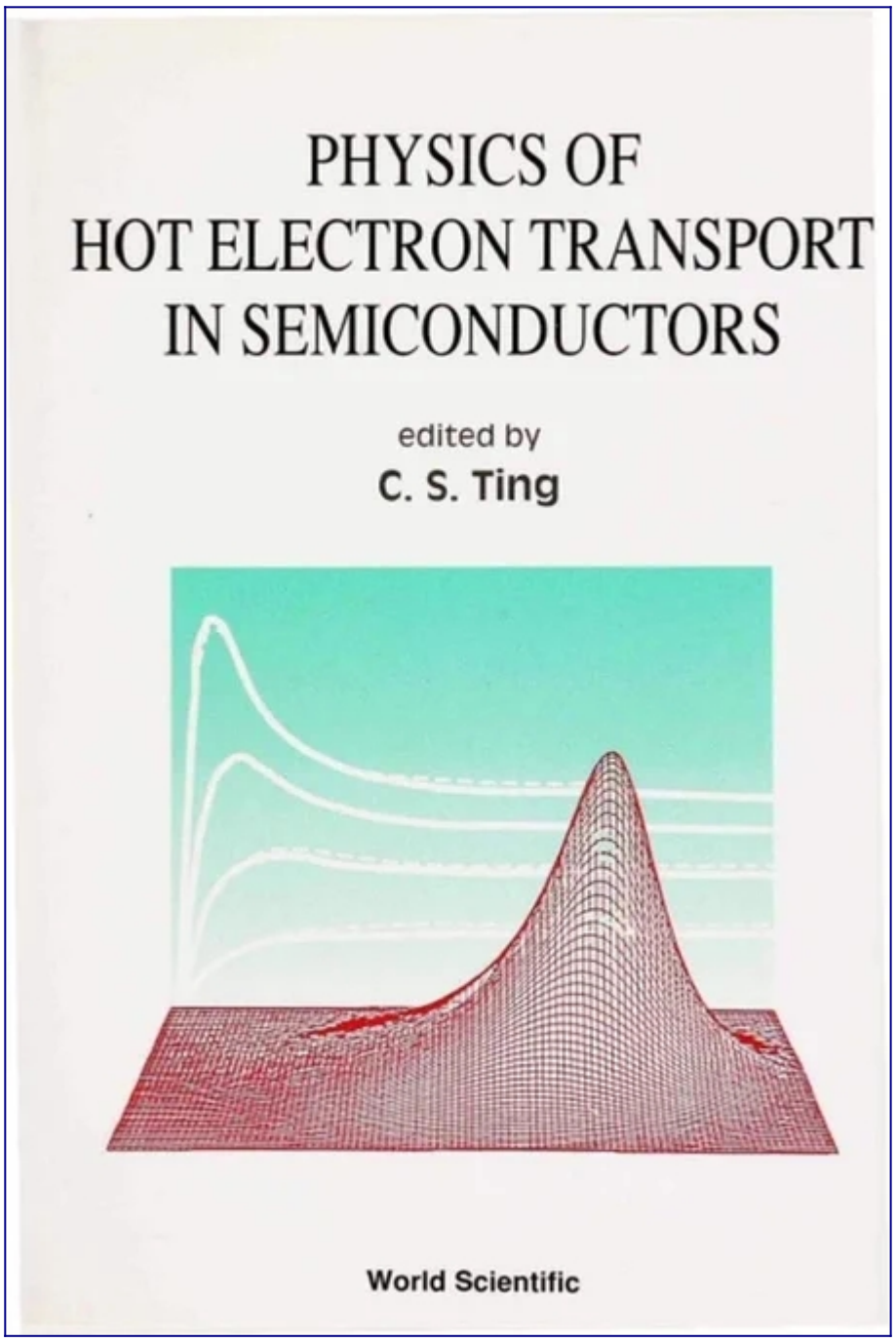
18 Feb 2025
Replying to @ShotCreator11
GROK has little comprehension of Nuclear Force Transport. THE PHYSICS of HOT ELECTRON TRANSPORT. Grok has the comprehension of a 2025 High School Graduate., not a 1905 High School Graduate.



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18 Feb 2025
The Hotter an Electron gets the more Diffuse/Dispersive the Magnetic and Kinetic Transport Field becomes. Around the average mean of bunched hot Electrons, A Thermostatic spherical Boundary sets up, it is Soliton in characteristics. This characteristic is exploitable to create Standing Thermostatic Plasma Waves.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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1 Feb 2025
Replying to @ShotCreator11
My definition of a Hyperdimensional technology is Expanding the Space between Electrons to the Point you can enter fit within the Space, that is inside the 2-Dimensional Electron Lattice Continua. This is Portal Technology, to go nowhere. You don't go anywhere, your in the same location, just hiding in a smaller dimensional space.

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1 Feb 2025
Hyperdimensional Structures will be in the News later this year. There was a declassification letter that came down in 2017. The information needs to be aggregated together to declassify for public comprehension.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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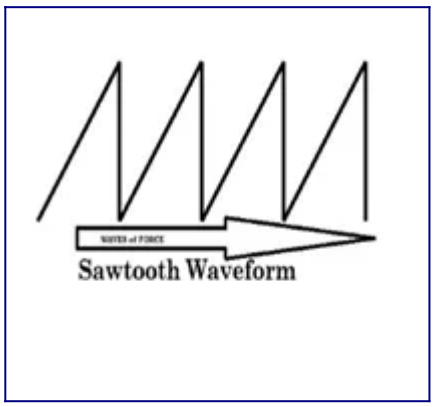
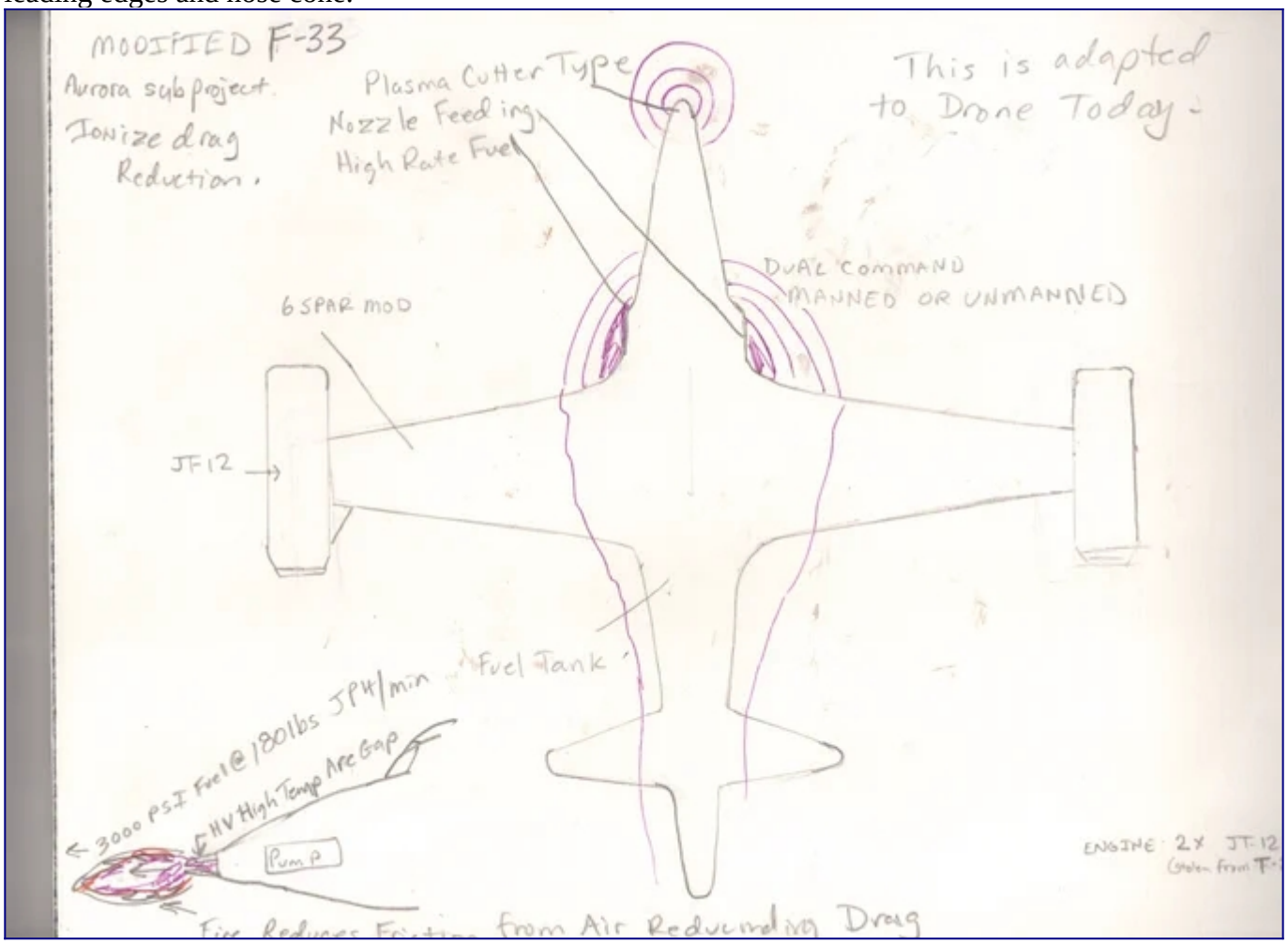
1 Feb 2025
Replying to @ousiaenergia
Good Evening Paulo; I cannot speak to Time Travel as I have found no Textbooks on "TIME DYNAMICS" or any studies of Time, rendering my opinion mute. Empirically Time can only be modeled in a linear Group Velocity with no Relaxation, indicating Time is a Forward only One-Quater Wave in a "Media of Existence". It is my opinion that all Reverse Time Travel would be an Illusion and would actually be Parelle Dimensional Travel. I will do my best to explain Parelle Dimensional Travel in the future. I read lots of Hyperdimensional Structures information over the years and have my own screwed up opinions of how Hyper Dimensional Structures hide on our planet, by spacing a small permanent charge on Electrons in such a Fashion they Dimensionally disappear through Eikonal Stretching. I believe there is a Hyperdimensional Structure on Guam near the Nuclear weapons storage area and this may be what is at the Skinwalker Ranch. In the 2D Plane of Existence, where there is nothing but Electron sized Media, can be physically pushed apart so as to let large sized objects into the Electron Lattice of Continua, fitting in by pretending to be smaller than an Electron. A one-quarter Forward Sawtooth wave is a Wave with no return or reversal. It is Unique in wave Mechanics. It indicates a 1 Degree of Freedom Kinetic Movement or Forward Movement of Time. (Kinetic Movement is Linear Time.) Parallel Existence is real. (Simple explanation _ Your Thoughts are Isolate from My thoughts. Even though they are the same Medium of Existence.) I do believe in Aliens but cannot speak much to that because the Information Pool has been contaminated to the point Fanatics control the flow of misinformation.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Jan 2025
Replying to @Mukshud @mukshud
Will Post soon. Investigating what Electrogravatic Technology Chinese have in development, via my past Chinese students, Russian friends and Local DARPA IG. My first Student Job, while on bootstrap, was a DARPA Spacebased Radar system that can see to the bottom of the Sea. (1988-91 DARPA program) DARPA allowed known Chinese spies to work in their Data centers under orders from the Obama administration, since 2010. The FBI OK'ed Chinese Spies to use the CCP Spy run Confucius Centers to collect Data for known 'treasonous' spy operation. They do not have true FIELD Propulsion technology, they have hypersonic Lubricity Technology, which is a DOD classed 'ELECTROGRAVATIC'. This technology sprays electric fire out the forward most point of the vehicle removing aerodynamic drag, rendering the drag diffusive profile similar to reentry. This is the level of "Electrogravatic' technology the Chinese military is developing. This is Super

Hypersonic technology, as you make the Reentry type plasma environment on the Fire resistant leading edges and nose cone.



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23 Jan 2025
Replying to @AshtonForbes @ashtonforbes @mattgaetz
medium.com/war-is-boring/the…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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22 Jan 2025
Replying to @DrG333 @ashtonforbes
Yes, the Humming-bird thing. Where Kinetic Pressure Velocity is riding the same GROUP VELOCITY of the Electronic and Magnetic Axis along the Kinetic/Thermal Axis. All joined at hip 90° degrees to each other, trading Dimensional Expansion and Contraction for Kinetic/Thermal Transport of Locality. In a Linear Stable Plasma Vacuum Bubble.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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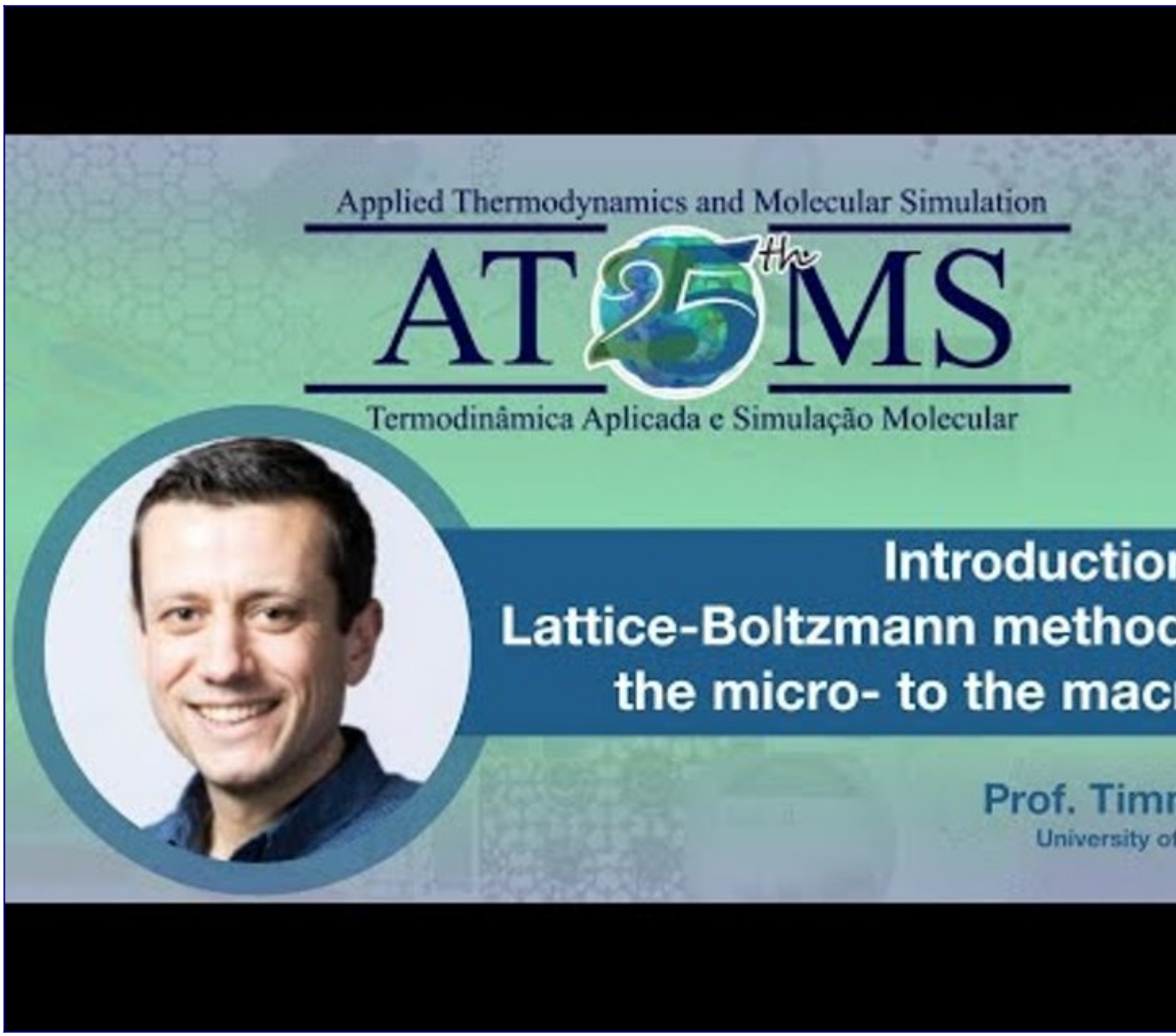
11 Jan 2025
Introduction to the Lattice-Boltzmann method: From the Micro to the Macroscale. youtu.be/watch?v=EfzthWnL…



Introduction to the Lattice-Boltzmann method: From the micro to the...

September 29th, 2022, the ATOMS group had the virtual seminar with Doctor Timm Kruger (University of Edinburgh, UK)

youtube.com
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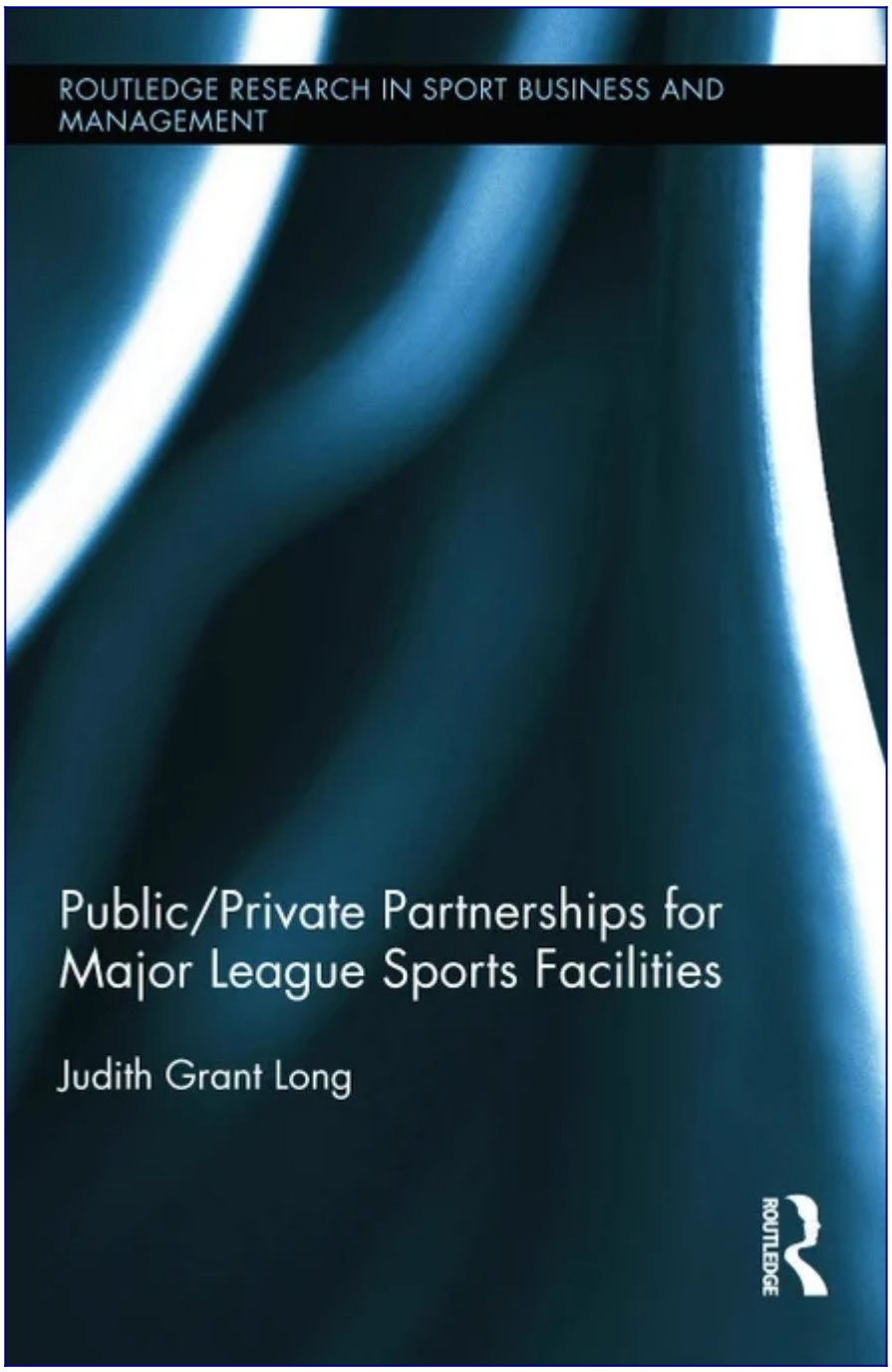
3 Jan 2025
NAKED FASCISIM



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Dec 2024
Replying to @ShotCreator11
I see no real Alien information in public or internet, 99% of material if False, misinformation mixed with real, polluted. Remember All Mega-Pollution the EPA did to the Animas Rivers when the EPA Chief Wierdo Illegally drained the King Mine in Colorado to Poison the people down stream and John McCain had to flee the reserve for his life, POLLUTED information. They drained it so the could mine adjacent areas. "PUZZLE PIECE' or "MOZAIC" is a misinformation technique to lay a sheet of media breadcrumbs for the inquisitive mind to find and arrogantly analyze to find a pre-determined Epiphany in the fake Field of research. The US adopted "COLLAGE" misinformation technique from NAZI Paperclip Chain smokers that were national lefty Socialist, just years earlier. I saw no Aliens. I saw no Alien technology. I saw evidence of Ancient Human advanced technology. I

will only talk to that in person, and then, only to a person proficient in math, equal to my proficiency. en.wikipedia.org/wiki/2015_G…

2015 Gold King Mine waste water spill - Wikipedia

en.wikipedia.org
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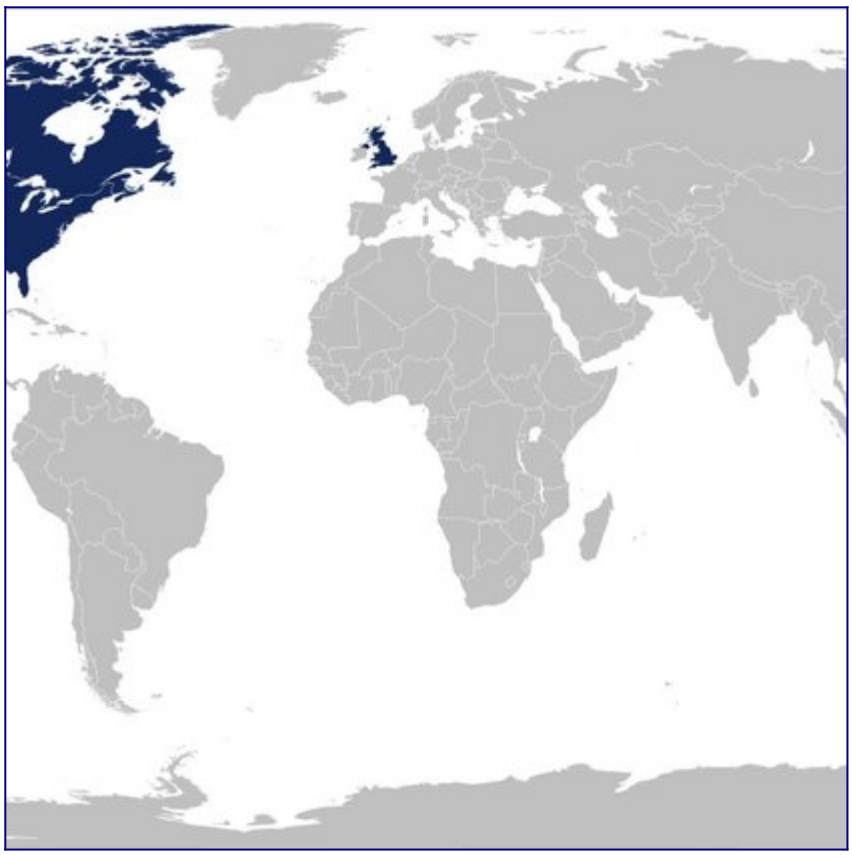
30 Dec 2024
Five Eyes - Wikipedia en.wikipedia.org/wiki/Five_E…



Five Eyes - Wikipedia

en.wikipedia.org

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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29 Dec 2024
Replying to @AshtonForbes @ashtonforbes @skwirrellmate
Plasma is engineered to stay in Equilibrium, when static. Going out of Equilibrium in "Nuclear Transport".

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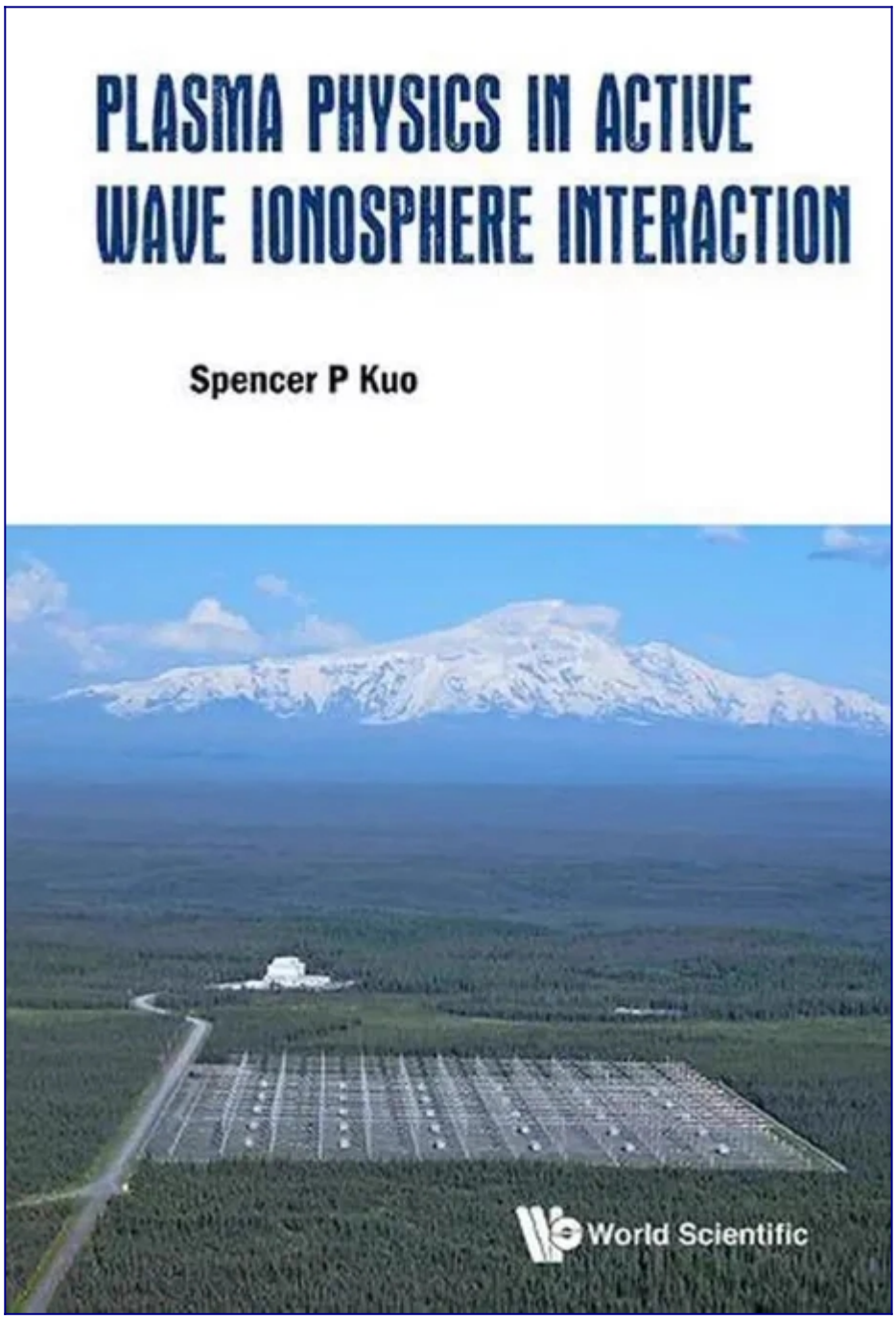
29 Dec 2024
Replying to @TMBSPACESHIPS @lynssss3125



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28 Dec 2024
Eikonal Correction of Group Velocity. Wavefronts and Solutions of the Eikonal Equation. Robert L. Nowack 1992 web.ics.purdue.edu/~nowack/n…

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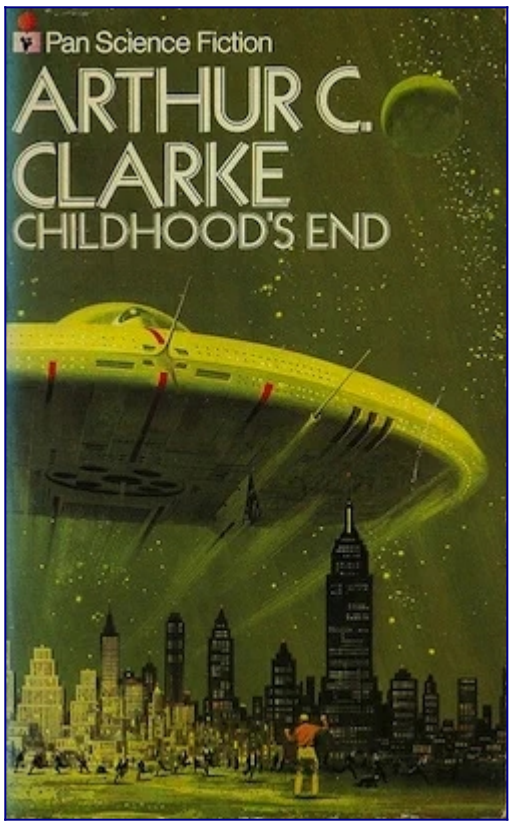
28 Dec 2024
Replying to @RickO68702552



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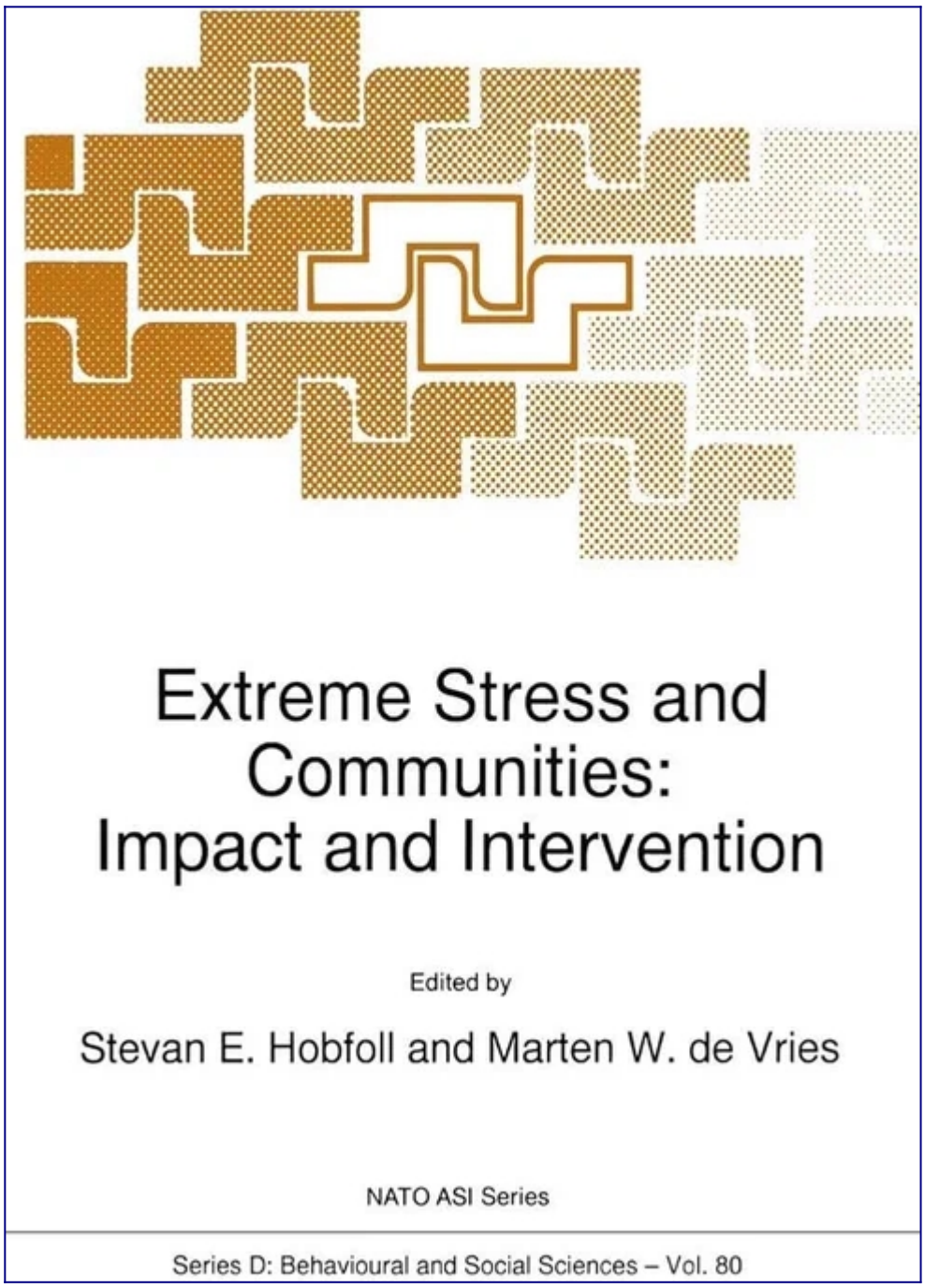
28 Dec 2024
Replying to @GreyAreaMonarch
The NATO ASI series of Textbooks is the textbooks of the Breakaway civilization. NATO runs back door control of Social Services in many EU countries.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
28 Dec 2024
Replying to @ShotCreator11
Time has Contina of Flow in advanced Physics. C is a Smartphone Variable.
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28 Dec 2024
GROK: Why don't I see Einstein's C in Plasma Dynamics Research. Einstein's constant c, which represents the speed of light in a vacuum, is not directly used in the mathematical modeling of plasma dynamics for several key reasons: Plasma Dynamics' Complexity: Plasma dynamics involves the behavior of charged particles under the influence of electromagnetic fields, where collective effects and particle interactions are significant. The speed of light comes into play primarily in the context of electromagnetic wave propagation in plasma, but the direct application of c in the bulk dynamics of plasmas is less relevant because the velocities of particles in plasma

can vary widely from near-zero to relativistic speeds. Instead, models often deal with the thermal, drift, or collective velocities of particles, which do not necessarily approach c. Magnetohydrodynamics (MHD): In MHD, which is a common framework for studying plasma dynamics, the speed of light isn't a direct parameter because MHD equations are typically formulated in terms of fluid-like variables rather than individual particle velocities. Here, plasma is treated as a fluid with properties like density, velocity, pressure, and magnetic field, where the speed of light might appear in the context of electromagnetic field equations but not as a constant defining the system's behavior. Kinetic Models: In kinetic models like the Vlasov equation or particle-in-cell (PIC) simulations, while individual particle velocities can be relativistic, the focus is on distribution functions and collective behavior rather than treating each particle's velocity as a fraction of c. Regarding the methods of handling time elements in mathematical modeling of plasmas: Discrete Time Models: Time-Stepping Methods: These involve numerical integration where time is treated as a series of discrete steps. Common methods include the Euler method, Runge-Kutta methods, or more sophisticated ones like the Boris algorithm for particle motion in electromagnetic fields. Discrete time models are crucial in simulations where plasma evolution is tracked step-by-step, allowing for detailed control over how physical processes evolve over time. Continuous Time Models (though not explicitly asked, it's important for context): Analytical Solutions: When possible, equations are solved analytically, treating time as a continuous variable. This approach is less common due to the complexity of plasma dynamics but is used in simpler scenarios or steady-state analyses. Quasi-static or Slow-Time Approximations: Here, certain aspects of plasma behavior are assumed to change on a slower time scale compared to others, allowing for simplification in the modeling process. This method can blend discrete and continuous time elements by considering long-term averages or stable states while still using discrete methods for dynamic changes. These methods allow for the modeling of plasma dynamics at different scales and complexities, from rapid particle interactions to long-term stability and evolution of plasma structures.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Dec 2024
Replying to @AshtonForbes @ashtonforbes @AnnaYaron76502
I don't see E=mc2 in any Plasma Dynamics textbooks. That due to the 2 methodologies utilized in teaching the Field of Study. Time is handled in discreate of Quantitively. C doesn't work in Real World Phenomena, when you take a Linear Function desiring a Non-linear result you will get confused.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Dec 2024
Replying to @Picodegallows @In2ThinAir
They are not called Scalar Waves, Scalar waves are a Mathematical Modeling tool, not a physical Waves. (it is a Element of Empirical Mathematical Modelling., Scaling Magnitude) Those are STANDING ADABATIC WAVES in Semi-Soliton media.
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27 Dec 2024
Physical Vapor Deposition Sputtering . What Is PVD Sputtering? youtu.be/watch?v=L6ZIkmIV…

What Is PVD Sputtering?

Exactly what is sputtering and how does the sputtering process work?First your PVD or physical vapor deposition coating materials are placed on a magnetron i...

youtube.com

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27 Dec 2024
Because many people have become Slow Information Processors, The Empire can introduce Shiny Flashy Festooned DISTRACTIONS, that occupy their mental server time.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Dec 2024
Replying to @gangestrog @ashtonforbes
In Advanced Physics, it is common knowledge, you break Mass Down to base elements with a Maxwell-Debye-Boltzmann, statistical Distributive Kinematic Field in a Stoichiometric process.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Dec 2024
Replying to @HajoDekhuijzen @ashtonforbes
I don't care for Popularity or money, so I don't do interviews. I am a grumpy old man. Also, I will get violently upset at the suggestion of reversed engineer Alien spacecraft because that is Known CIA propaganda. I spend every free minuet reading Monographs the playing with their exercises to gain understanding. It's people like Eric Davis whom stupidly tell everyone we get Covert Antigravity Technology from Time Travelers. Or Lue Lugnut making the MSM CIA Military Analyst talking Head TV media circuit. E=MC2 , Spacetime, fist me in my Warped Blackhole, Tackyon, and Graviton are more of their bullcrap that someone with No comprehension of FIELDS and WAVES repeat in the CIA chorus.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Dec 2024
Replying to @HajoDekhuijzen @ashtonforbes
Grab a book and start educating yourself, Don't rely on FAKE and Gay Disclosure that will never happen, How can there be disclosure if it is already in the textbooks and your just not smart enough to see it in YOUR FACE in EVERY SINGLE PLASMA DYNAMICS BOOK Published since 1905. I'm not trying to belittle you. That is a HARD TRUTH for the immature mind to get past.
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In spacecraft applications, some materials and metals dissolve in the vacuum of Space. Spacecraft Materials are selected based on their outgassing properties to prevent MASS loss of volume in the vacuum of space. Metals like Tin, Lead and Aluminum will embrittle and dissolve into a granular powder after a short period of exposure. Some plastics, composites, and Teflon-type materials that are rated for low outgassing and are used in spacecraft: Teflon (PTFE - Polytetrafluoroethylene): PTFE is widely used due to its chemical inertness, thermal stability, and low outgassing. It's commonly found in wire insulation, bearings, and as a lubricant in vacuum environments. Its low coefficient of friction and non-stick properties make it ideal for various spacecraft components. 📷 Other Fluoropolymers: PCTFE (Polychlorotrifluoroethylene) and ETFE (Ethylene tetrafluoroethylene) are also used because of their excellent resistance to atomic oxygen and low outgassing characteristics. These materials are valuable for applications involving high vacuum or extreme temperatures. FEP (Fluorinated Ethylene Propylene) and PFA (Perfluoroalkoxy alkanes)

also exhibit good performance in terms of outgassing and are used in similar applications as PTFE. High-Performance Plastics: PEEK (Polyether Ether Ketone) is noted for its excellent chemical resistance, mechanical strength, and low outgassing. It's used in applications where metal-like durability is required without the weight. Vespel Polyimide (DuPont™ Vespel®) - Particularly grades like SP-1, SP-21, and SP-211, are known for their thermal stability, low outgassing, and excellent vacuum sealing properties. They are used for bearings, seals, and electrical insulators. Torlon (Polyamide-imide) - Known for high strength and temperature resistance, with good outgassing characteristics, though it can be challenging to machine. Composites: Epoxy Matrix Composites reinforced with carbon, fiberglass, or aramid fabrics have been evaluated for outgassing. While they can outgas, particularly if not properly cured or if they contain moisture, various treatments and material choices can make them suitable for space applications. However, careful selection and testing are required. 📷 Polymeric composites like those with NH2–MWCNT/HRB (nanocomposites) have shown superior outgassing performance and atomic oxygen resistance, making them candidates for space missions requiring radiation shielding. When selecting materials for spacecraft, it's crucial to consult Outgassing Databases for detailed information on specific materials' performance under space conditions. Materials are often subjected to a process called "bake-out" to reduce outgassing before actual use in space. These materials are chosen based on their ability to meet stringent outgassing criteria, typically with Total Mass Loss (TML) less than 1.0% and Collected Volatile Condensable Material (CVCM) less than 0.1%, ensuring they do not contaminate other spacecraft systems. Remember, the actual suitability of any material for spacecraft use also depends on its performance under the specific environmental conditions of the intended mission. Antigravity vehicle Fuselage skin is exposed to an Electrified Plasma vacuum that has pressure Lower than found in the ADIABATIC Media of Outer Space. The 2.5x Safey FACTOR, Engineering principals also apply in all strength and pressure conditions.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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27 Dec 2024

The first photomultiplier tube was invented by Leonid Aleksandrovitch Kubetsky on August 4, 1930, in the Soviet Union. It is commonly referred to as "Kubetsky's tube.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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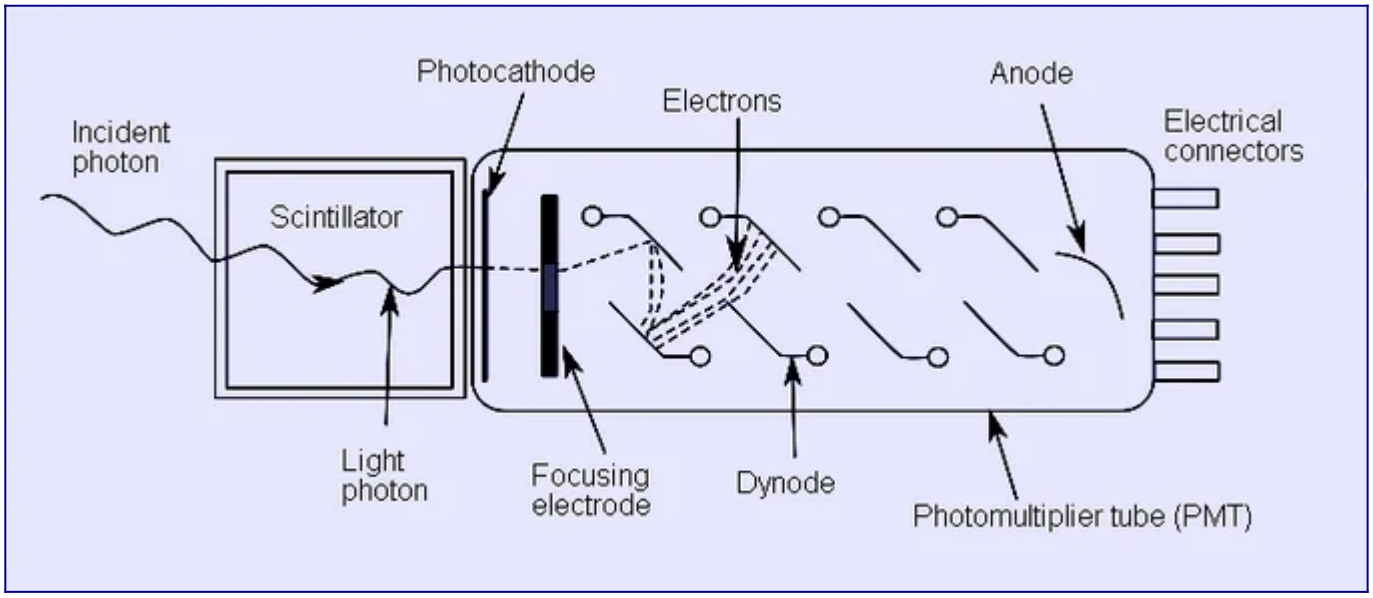
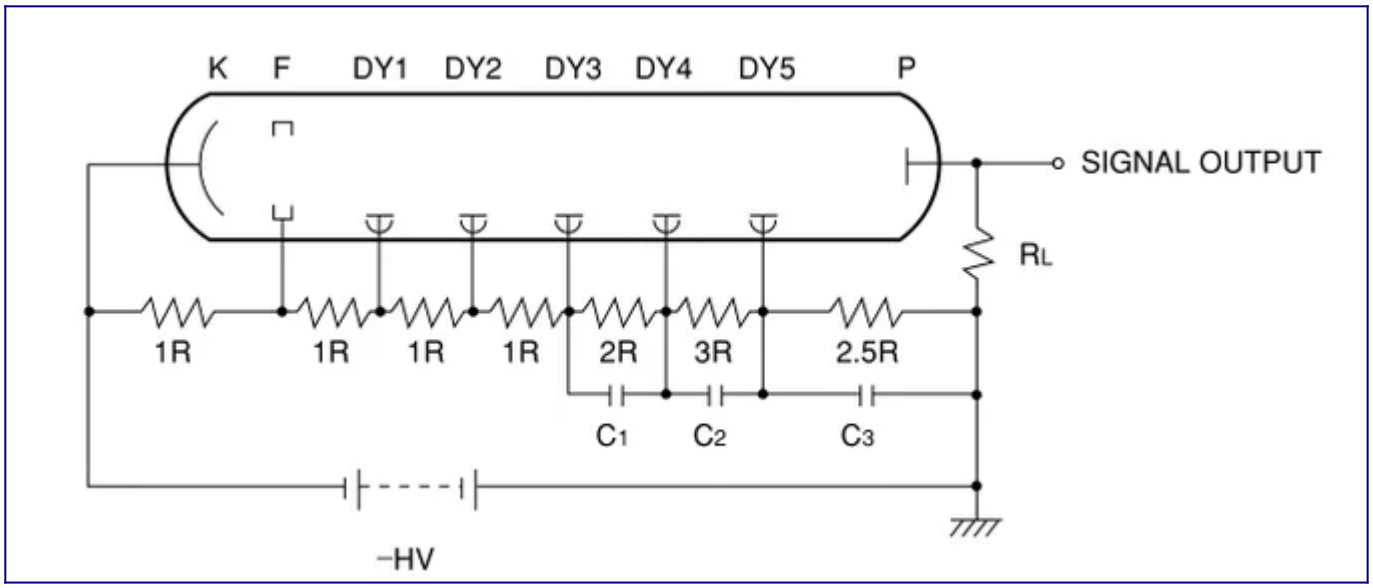
27 Dec 2024
Replying to @Phillip96207244
A simple device can be made with a Photomultiplier tube as a Optical Band Receiver to pick up the invisible oscillations from a great distance. I have Daylight Blind UV PMT with a ZW3 optical Filter, vinyl taped to a fisheye lens on my house looking up. It's corrected signal output feeds a Audio amplifier Circuit directly , you hear 20 to 20khz tones of differing magnitude. Lots of 170Hz even hum. Planes do not set it off. You can point it at things like Televisions and HEAR internal Harmonics within the cabinet. During the day it will go off making Tones galore when noting is overhead. It use to be quiet all the time. The Optical Audio detector goes off 2 to 4 or more time a day, lasting several seconds as it fades out. If it is picking up Oscillations, then there is Obviously some there, just out of sight. I used a small $6 ebay HV DC driver on the tube. The Resistor network should be matched to the amplifiers input peak limit. In my installation I have a x10 and /10 audio Frequency Multiplier in line, on a three-position switch to have a 'Selectivity Function' to keep the Audio band output 'detectable' as a audio signal. c





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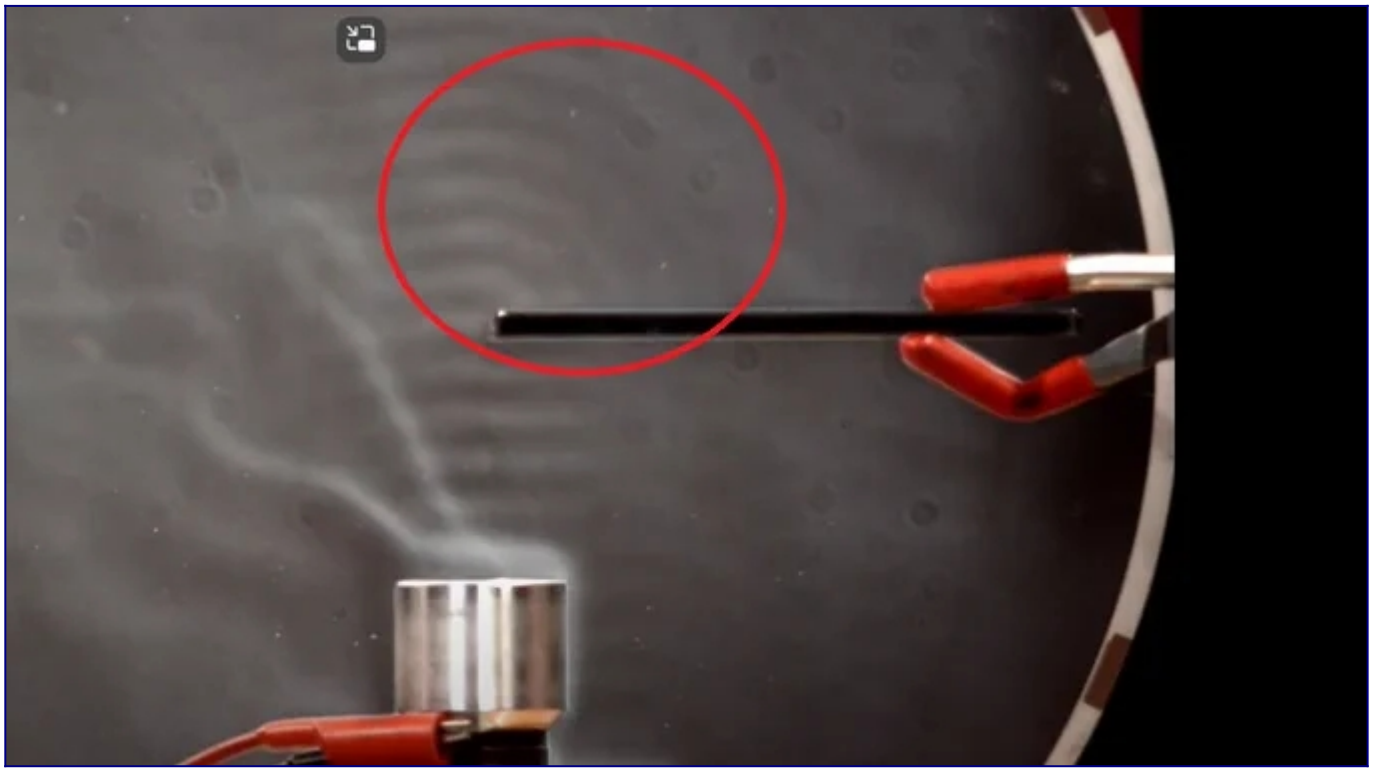
27 Dec 2024

Replying to @In2ThinAir
Standing Acoustic Waves



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @st3wb3ar @In2ThinAir
The Jet Fuels Metal mixture changes based on a Logistics Supply of Nano Metals need for the fuel mixture. Don't stick to the belief it is one metal, It is an ION SEED GAS EFFLUENT. Not one single thing. This ultra tiny particle come from "Dry" Sputtering. There is Barium Sulfate added as a Scavenging Agents to remove any accumulation of metals within the engine's turbine flow path. Barium Sulfate is also in 100LL aviation gasoline to keep the Lead in a Plastic state, keeping it moving (as a thin strong lubricant. There are smartphone carrying Physicist who will argue the Lead is not a Lubricant. (3 Semesters ago) You could say, the Jet A mixture the 3ed part of our Weather Control system, Along with the HARP ION Trap system and the WXR-88/WSR-88 Radar Beam Ignitor. (Like a highway flare tossed in to a gasoline vapor pit.)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @watchman_ray
All of 'em.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @arrowbombadil
On that Combustion video. The Adiabatic Media State was in Linear Equilibrium when the vapor dispersed, before the IONIZING WAVE Front flashed through. The Flame Front does have micro eddy's of perturbations that do exceed M>1 but those Perturbations are self-damping.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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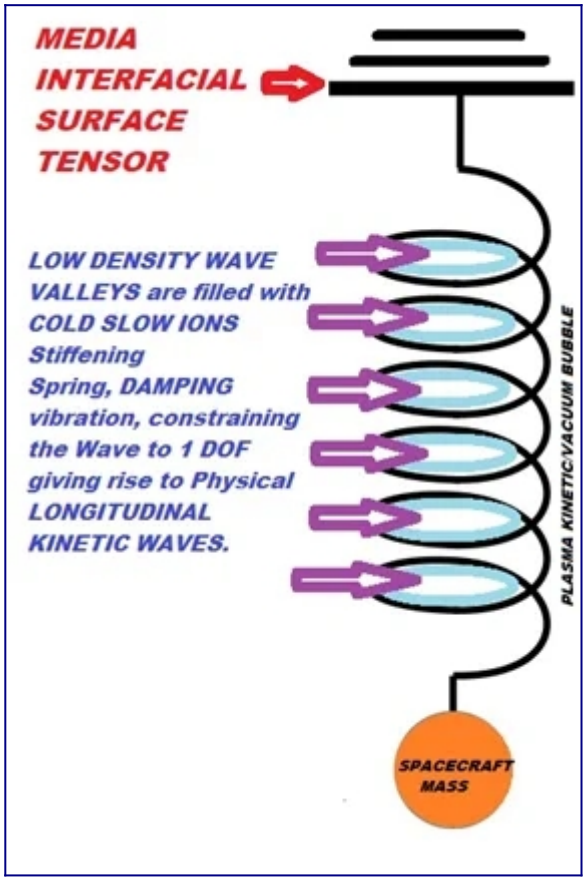
27 Dec 2024
Replying to @In2ThinAir
The Jet A's current Fuel Specification of Metal balance is set by NOAA to assist HARP Standing up wave by increasing localized density. The Airliners flying around the world, exhaust out a Rapidly Ionized Maxwell-Debye-Boltzmann Kinematic Ion Seed Gas that he ground sites, HARP, "ION TRAP" like Wolfgang Paul's Ion Trap with their Hard Sites, where the WSR-88/WXR-88 weather Radars Light up the edges of the Ionic standing wave in the adiabatic atmosphere. Back to this picture.



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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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27 Dec 2024
Replying to @arrowbombadil
Cavitation is modeled as Diffusive/Dispersal force. Cavitation is Non-Linear Shock.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @In2ThinAir
I just quit teaching at the University of Oklahoma's Advanced Radar Center because the University is going to pay football players more than Professors. The visible standing wave fields are a DC input into the IONSHPERE from HARP stations, not the WXR-88/WSR-88 stations. The system uses a Fixed Field Generator (just a large array of Low Frequency transmitters, exactly like HARP. There are over 100 HARP stations in the Continental US. The Beams interact locally to Topographically redistribute the adiabatic pressure at the Beam intersections. The Radar

(Oscillatory component) is one part of a 2 Part Weather Weapon Systems. The HARP HF SYSTEM BUNCHES the WAVEs at desired altitude and has a sophisticated Feed Back and Control System.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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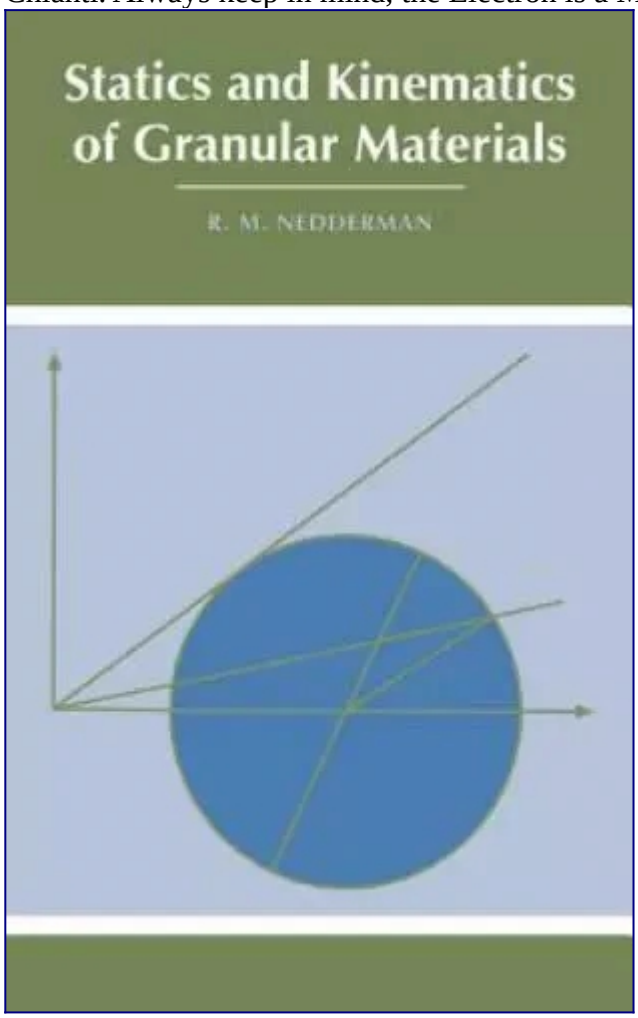
27 Dec 2024
Replying to @arrowbombadil
That combustion is a Cold Plasma because, Ion transport velocity stays close the Electrons Transport Velocity. If shock were present, the exiting debris would be of small granular size, This indicates the Electrons are extremely faster than the Ions ability to keeps it's Kinetic Coupling at the same Linear rate. The Ion's fatt @$$ ALWAYS wants to find a couch of equilibrium of Motionlessness, the ZERO POINT of EQUALIBRIUM, so the Electron will bring their bottle of Chianti. Always keep in mind, the Electron is a Meth addict and will always jump off the couch.



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27 Dec 2024
Replying to @watchman_ray
That model has a wire feed Ion Seed Gas system. Models that are unmanned can use toxic Ion Seed gas combinations. Early 50's and 60's models used Radioactive Antennas.
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Linear Ionizing Transport in a simple clip. pay attention to the Sound of the Velocity of Propagation. Flame spread linearly without Shock, just a Poof instead, indicating Heavy @$$ ION Transport Velocity was M<1. IONIZING if STICHIOMETRIC Ion to molecule "COMBUSTION" to the Plasma State. Ionization is Combustion that occurs at 2 velocities. Subsonic and supersonic.

The Molecule melts apart at the Electron's Bond, to Ion first, lubing up transport equilibrium.
youtu.be/SnVHYjjf3LM

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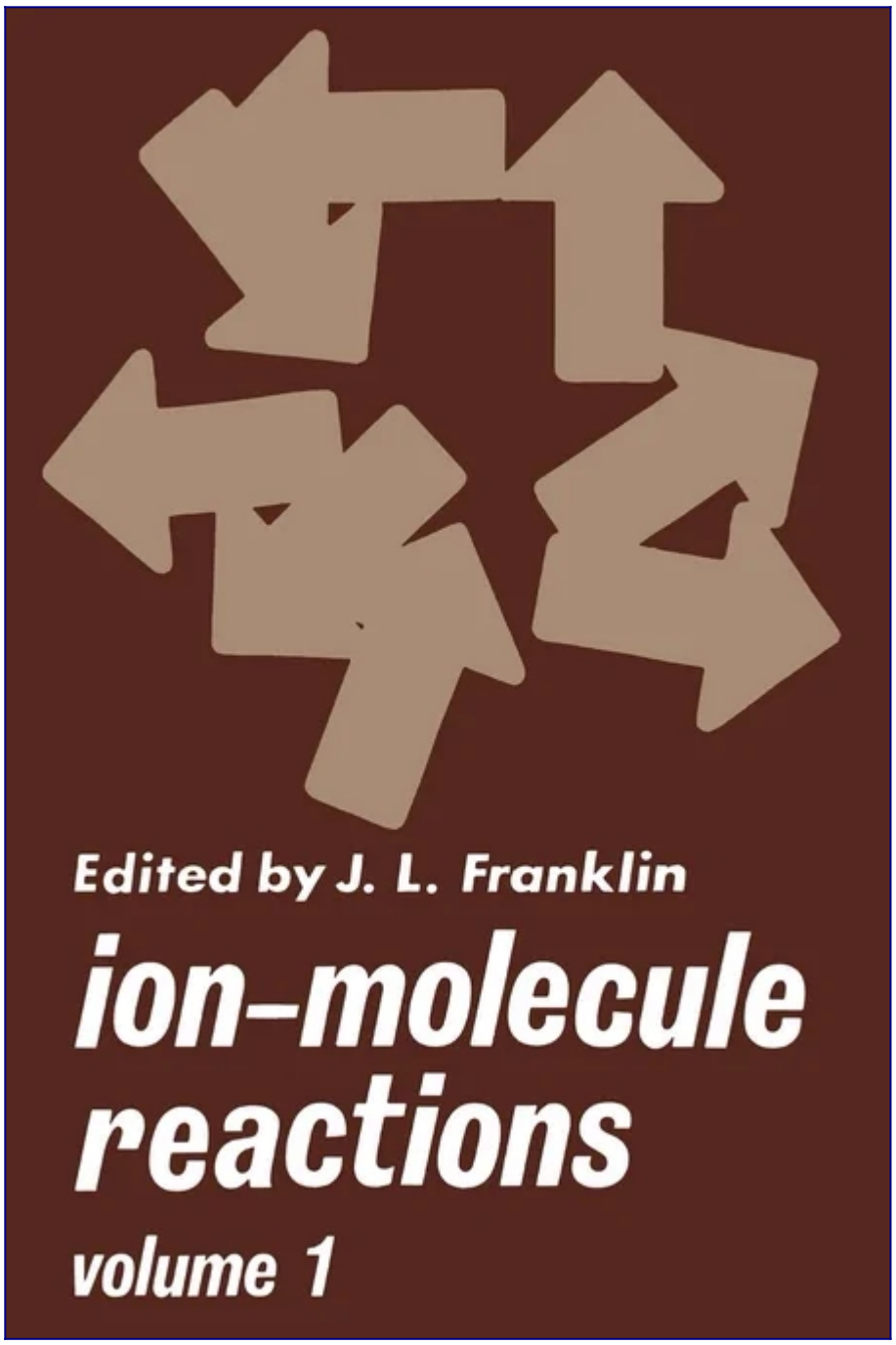
27 Dec 2024
Replying to @covertress
He's singed the NDA and got the Package Deal, THE MILITARY ANALYST on Main Stream Media.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @ChiefDinger @jkphilly_fan @Nancy023922191
SOLID = EARTH LIQUID = WATER GAS = AIR PLASMA = FIRE This is a Diffusion Transport Path.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2024
Replying to @ChiefDinger @jkphilly_fan @Nancy023922191
Fire is slow linear electricity.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Dec 2024
Replying to @ousiaenergia
The Field is Nomenclature Polluted due to the differing Focus among International academia. Many words such as Nuclear Heat, Gas Diffusion, Gas Kinematics, Hot Ion Transport keep Academia from standardizing and focus the research, in unison. Lev Landau's 10 textbooks teach a Logical Mental Sequence of Comprehension. These textbooks must be done in their sequence to build the knowledge pool of relational information at a time the lesson requires it. Lev Landaus structured lessons are focused on the Basics of Mechanics, teaching Mechanical relations to common functions found in nature, Lev's textbooks start with MECHANICS, taking you all the way through to the Physics of Statistical Kinematics. He are a few good ones. Dynamic Structure of Nuclear States - Rowe, Trainor, Wong, Donnelly Atomic Transport in Solids - Allnatt/Libiard



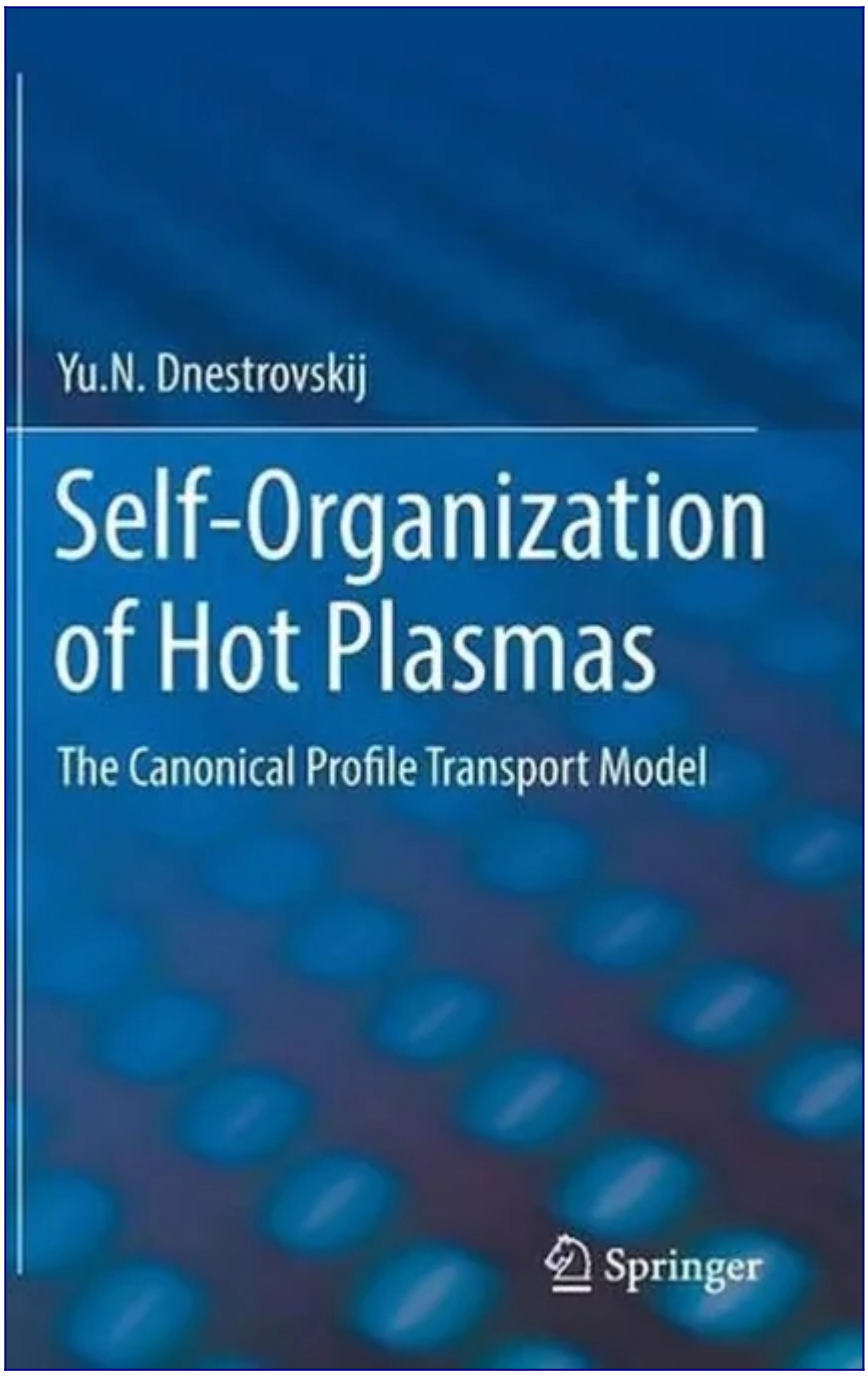
Edited by J. L. Franklin

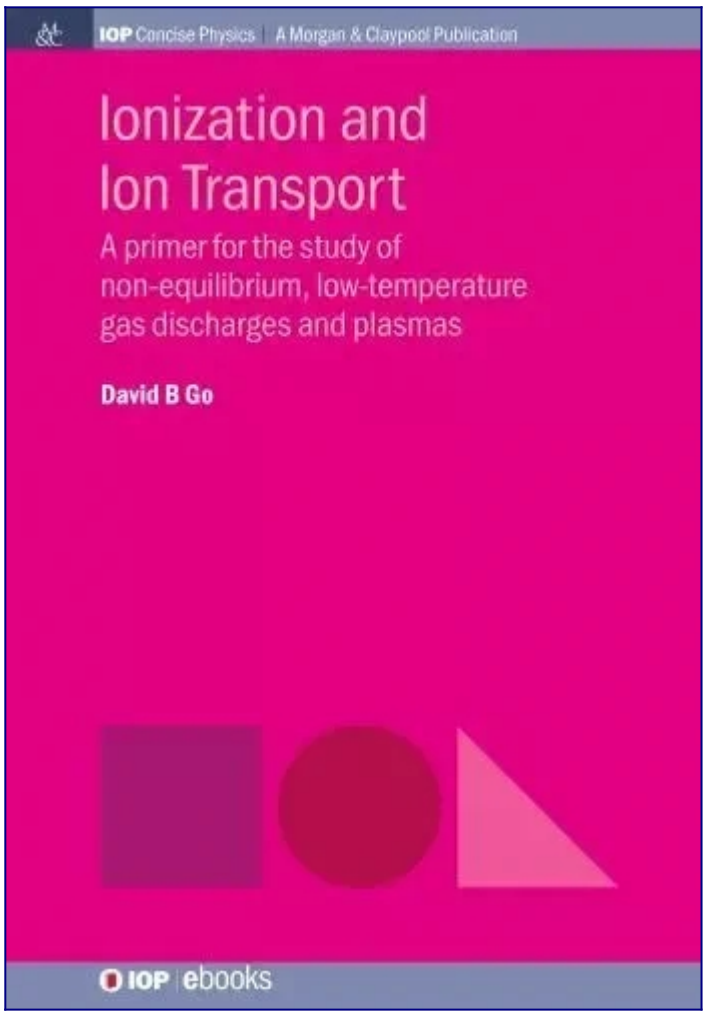
ion–molecule reactions

volume 1

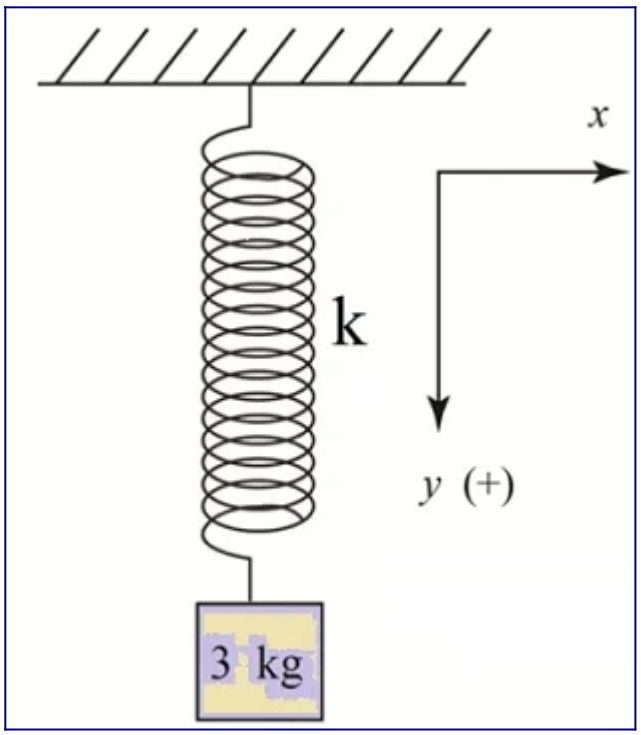
Atomic Transport in Solids

A. R. Allnatt and
A. B. Lidiard


Yu.N. Dnestrovskij
Self-Organization of Hot Plasmas
The Canonical Profile Transport Model
Springer

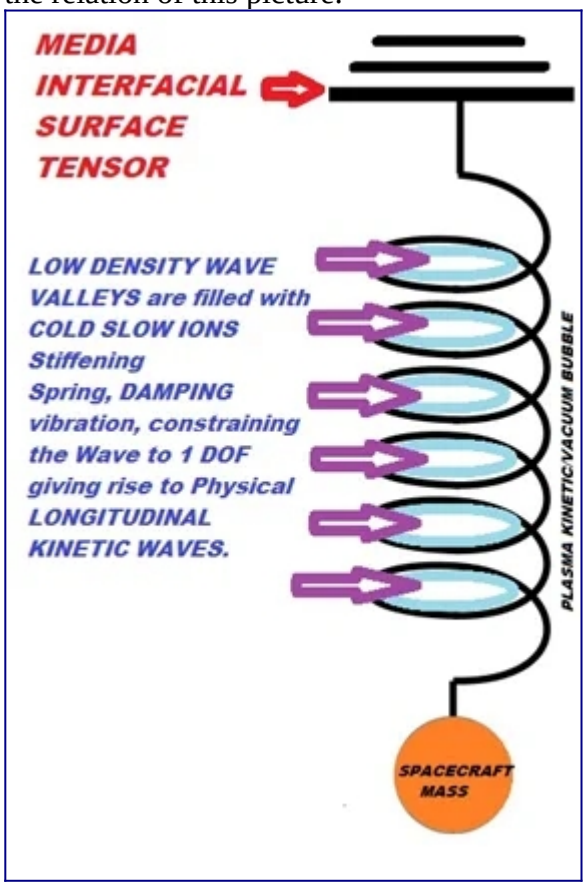


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Dec 2024
Replying to @TMBSPACESHIPS @ashtonforbes
'Eric W. Davis says that conventional physics doesn't allow for longitudinal (scalar) electromagnetic waves.' Eric Davis has no understanding of Basic Mechanics to say such a open lie of ignorance. Air Pressure blowing on you from a air pressure line is a Longitudinal Relativistic/virtual/Quantitative/Invisible Force. For all intended purposes, the blowing air is a Longitudinal 2DOF Pressure wave. The reason it is no 1 DOF is due to the escape route of the Diffusive rate. At 1 DOF movement, Ions and Electron cannot move toward a diffusive condition, the get caught in Place like in Wolfgang Paul's Ion Trap. Many, Longitudinal Forces are Physical Pressure Forces. If the Spring were stiffened the Spring becomes a solid Conductor of Physical Force.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Dec 2024

Replying to @AshtonForbes @ashtonforbes
Hello Ashton; if you get Duper Delight Eric Davis on ask him about Longitudinal Standing Wave in the relation of this picture.



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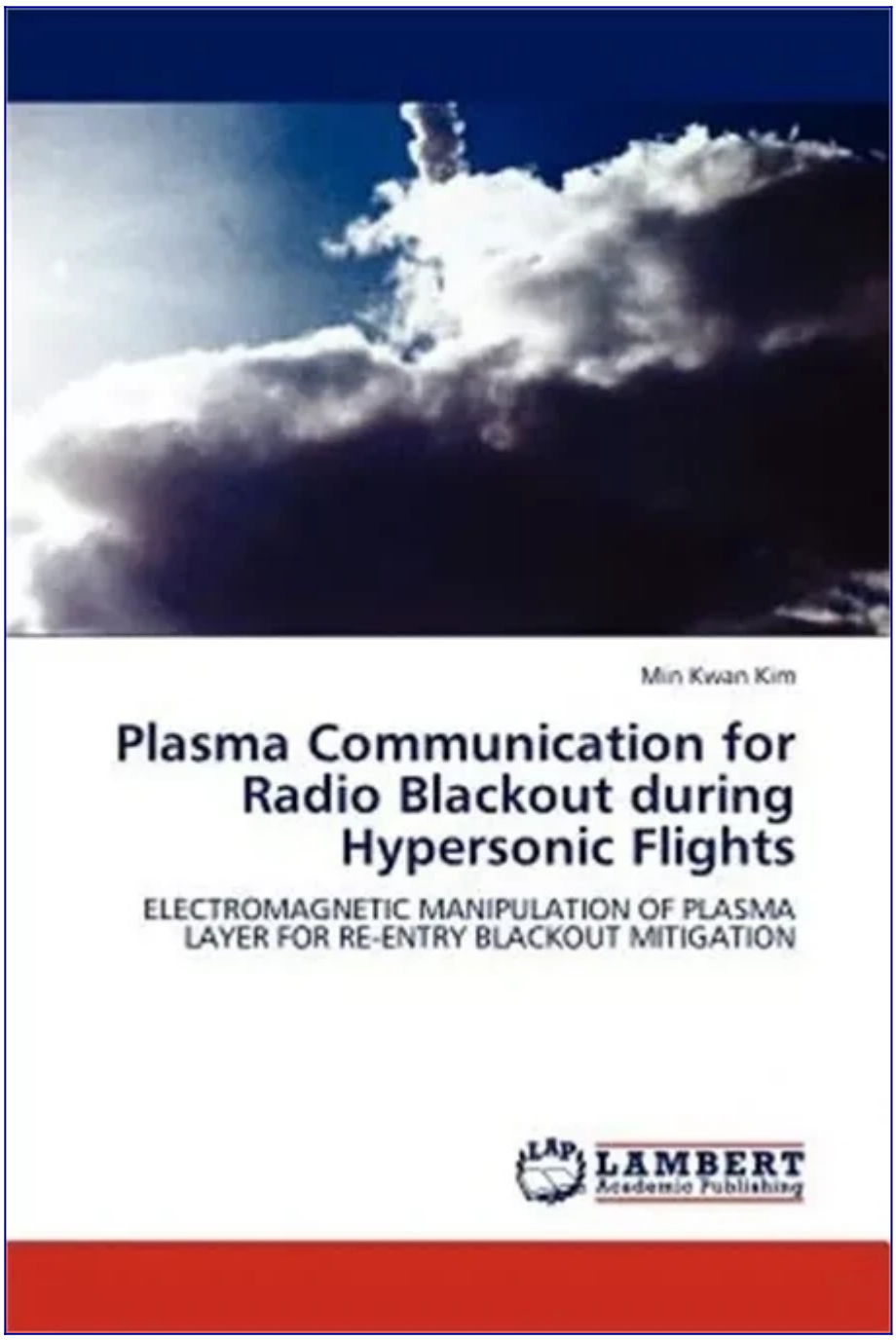
26 Dec 2024

Mesosonic (related to Ambipolar Diffusion rate) Defines Velocity of motion through a Two-Phase medium or multi-phase, usually electrons and heavy ions, at a speed between the speeds of sound in the two components. Spacecraft usually encounter mesosonic flows, i.e. flows which are supersonic with respect to the ion thermal speed, but subsonic with respect to the electron thermal speed.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Dec 2024
Replying to @ShotCreator11
Yes, Antigravity is in the textbooks, just not understood. In my bad opinion Lev Landau worked it all out in the 1930's.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Dec 2024
Replying to @ChrisZazula @twinTurboBlower
The Auroa was not that classified. Reports were leaking everywhere. It is the origin of Plasma Flight Control Theory of Operation. It also drove studies on Plasma Sheath Communication Techniques.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @twinTurboBlower
As a standing IG over the Auroa Program I tried to kill it before the Fatality. I was removed from the position for criticism You cannot mix Convention Jet Technology and Antigravity technology. There is no need to make a Hybrid Vehicle.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @trenrrorist
The USGS blew 26 cubic miles of Sand out of the Earth in Colorado back in 2013 with CO2 injection. Covered a river in Sand in less than 2 minuets. Dahboo 777 had a video coving it in his early days.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
25 Dec 2024
Replying to @trenrrorist
There are more than a Dozen Technics to generate earthquakes. Part of Social Programing for "Pole Shift" has been underway for 40 years. The most destructive method is WASTE WATER injection. These are online systems here in Oklahoma. There are seismic sensors at the Injection Site that control injection pressure. In Oklahoma, the operators must report injection pressure by the minuet. Operators have an automatic online reporting system due to the threat of earthquakes. In Arkansas they passed a Law stopping Wastewater Injection. Oklahoma is one of the few states that allow destruction of Subsurface aquafers by wastewater injection. The empire also has a CO2 Injection network they are installing in all 50 states to Freeze the Ground Water then if ransom is not paid, they will TILL THE EARTH over Vast areas with CO2 injection. Keep in mind, the CO2 stays in place, in ground (with a leak rate) till you heat it up , all at once?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @ChrisZazula
I saw no such evidence. I saw all the stuff the NAZI developed. They had a thick Phenolic Spherical Fuselage in one crappy design,(no Attitude control) . Everything I saw in covert programs is on the Internet. Antigravity is in the textbooks.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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25 Dec 2024
Replying to @trenrrorist @DewsNewz
I'll look through the internet and find some. In DOD material it is called Genetic Weapons or Ethnic Bioweapons. The Empire changes Research NOMENCLATURE to miscomprehend future research. In the Field of Electrical Engineering, there has been 4 Forced shifts in Nomenclature over the past 70 years. Nomenclature shift in Academia is a dumbing down method to prevent RELATIONAL INFORMATION. en.wikipedia.org/wiki/Ethnic…
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25 Dec 2024
Replying to @DewsNewz
There are NATO ASI textbooks on mRNA and tRNA Bioweapons in 1995.
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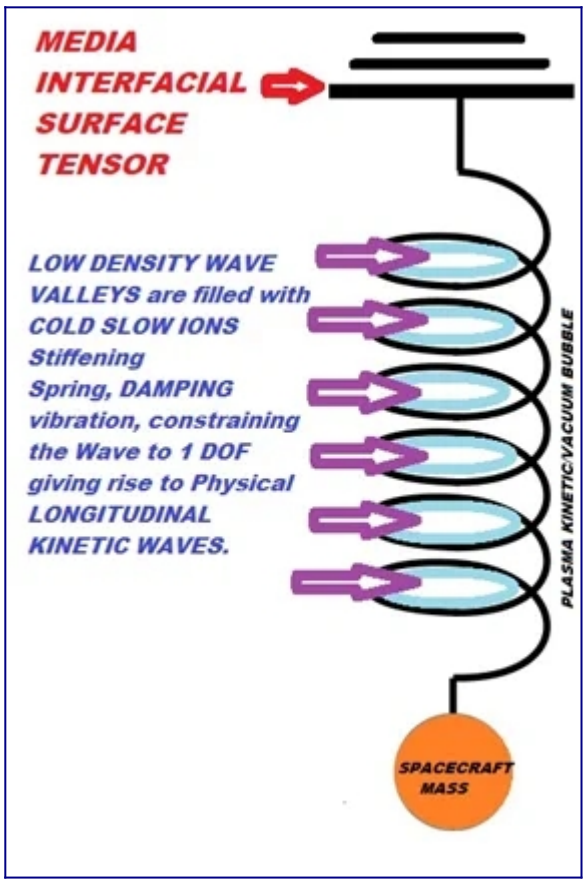
25 Dec 2024
Replying to @Space_SIGINT @RealAlexJones @darkjournalist
and the Surround air is pushed away, by an expanding STANDING shockwave, leaving a vacuum in it's wake.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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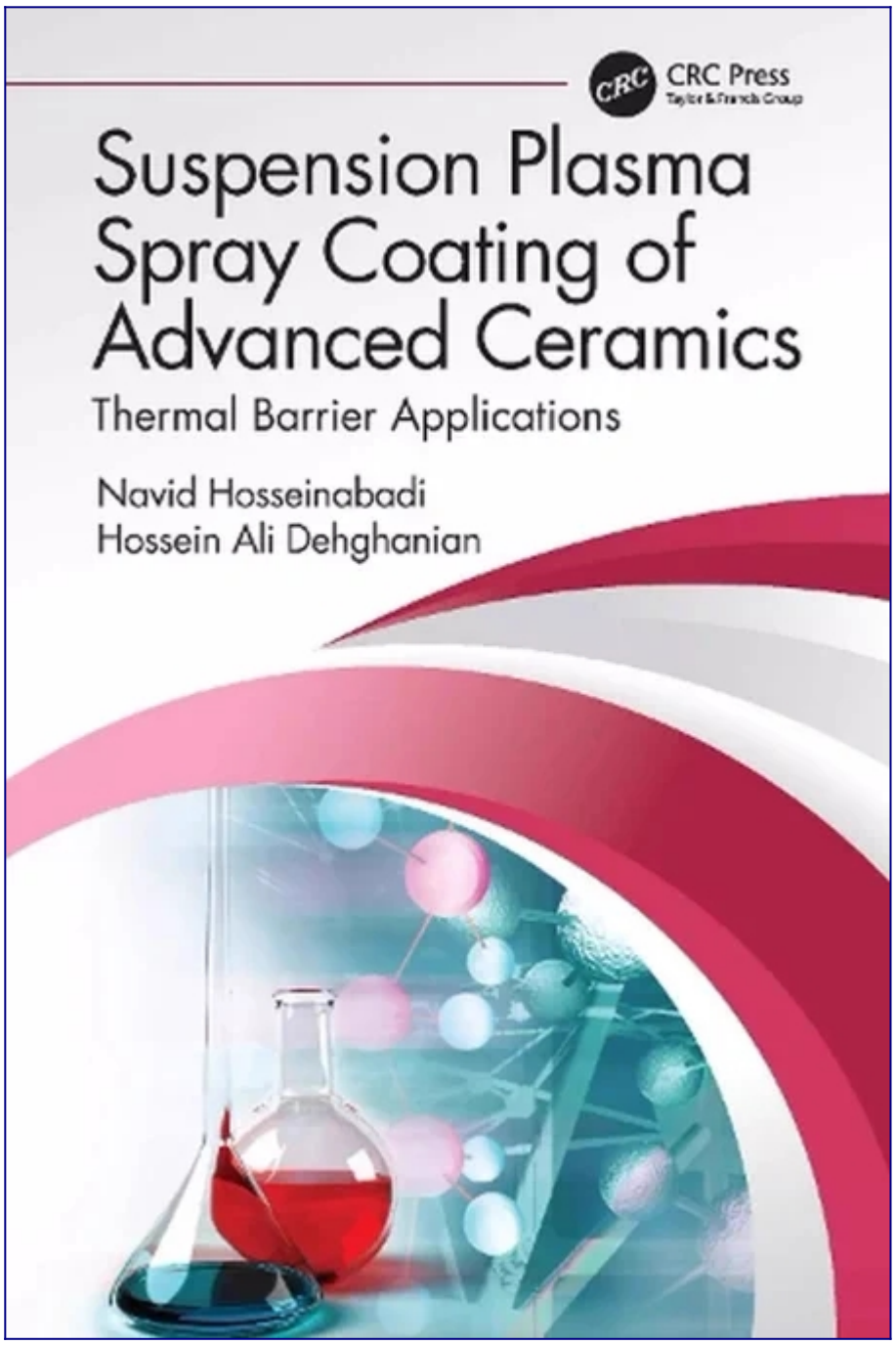
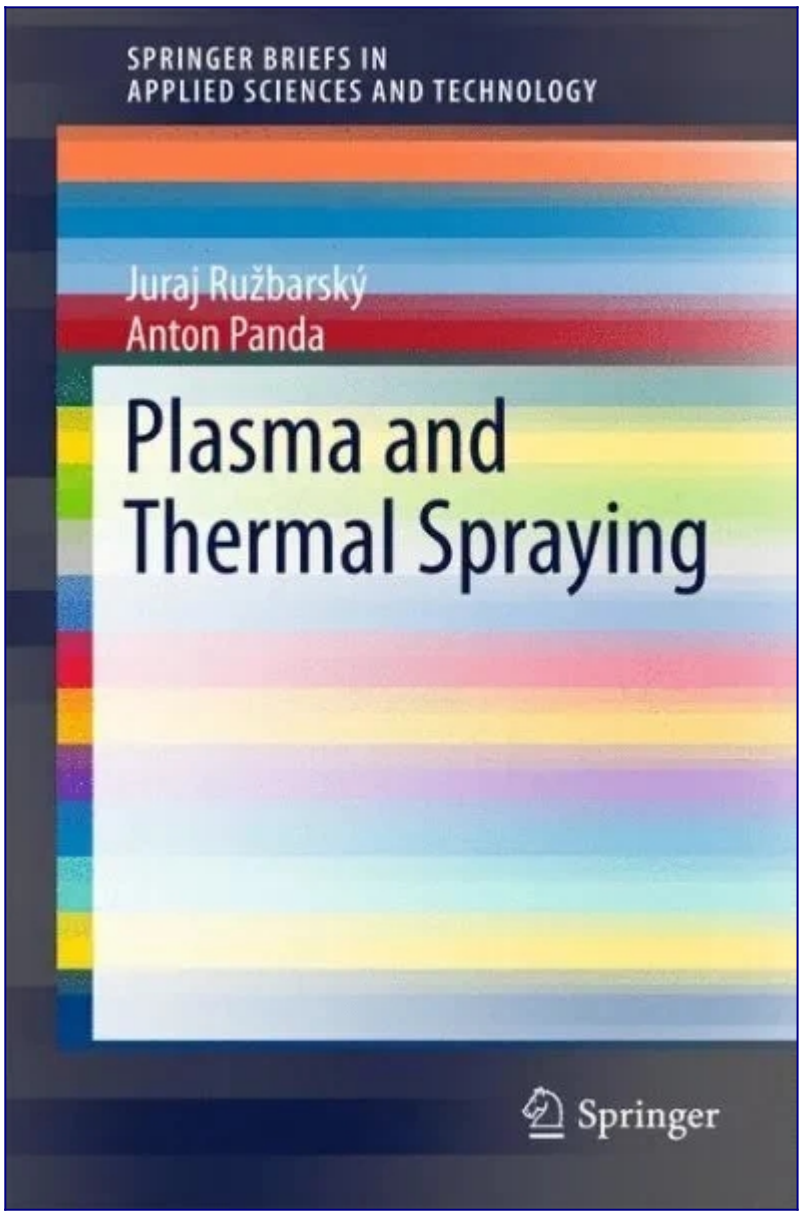
25 Dec 2024
Replying to @gravitomag
We may have not Sync or trains of thought on this conversation. Anything with a Nitrogen Crystal structured parent shape causes the Nitrogen to hog the Heat until it breaks free. This is due to the Extreme Low Pressure found in Plasmas. Si3N4 would have about a 10 to 20 hour between Thermal Spray maintenance cycle. When you burn up atoms in a Plasma, some like to hog more heat than other. In a Seed Gas you must heat Metals to a Vapor to introduce into a plasma. I used a device similar to a wire feed welder to burn Tin Wire for Plasma envelope studies. I could make Metal Tin balloons in a vacuum chamber, perfectly spherical. Silicone likes to keep it's parent Diatomic structure right up to it's boiling point. Plasma can completely AMIPOLAR DIFFUSE(smash) Nuclei down to Fractional Electrons. To use Silicone in ION seed Gas would require substantial research in materials due to it's abrading characteristic. Something left for future students of Plasma to research. In diffusion a Nucleus may have the Optical signature of Helium(uncorrected) when in the Plasma state. In Plasma research, you call all the first emanation from a heated atom you call it the Alpha. Then Beta then Gamma. All Nuclei look like Helium when Plasma heated because you're looking through a Hydrogen Optical Filter.


CRC Press
Taylor & Francis Group
Suspension Plasma Spray Coating of Advanced Ceramics
Thermal Barrier Applications
Navid Hosseinabadi
Hossein Ali Dehghanian


SPRINGER BRIEFS IN
APPLIED SCIENCES AND TECHNOLOGY
Juraj Ružbarský
Anton Panda
Plasma and
Thermal Spraying
Springer

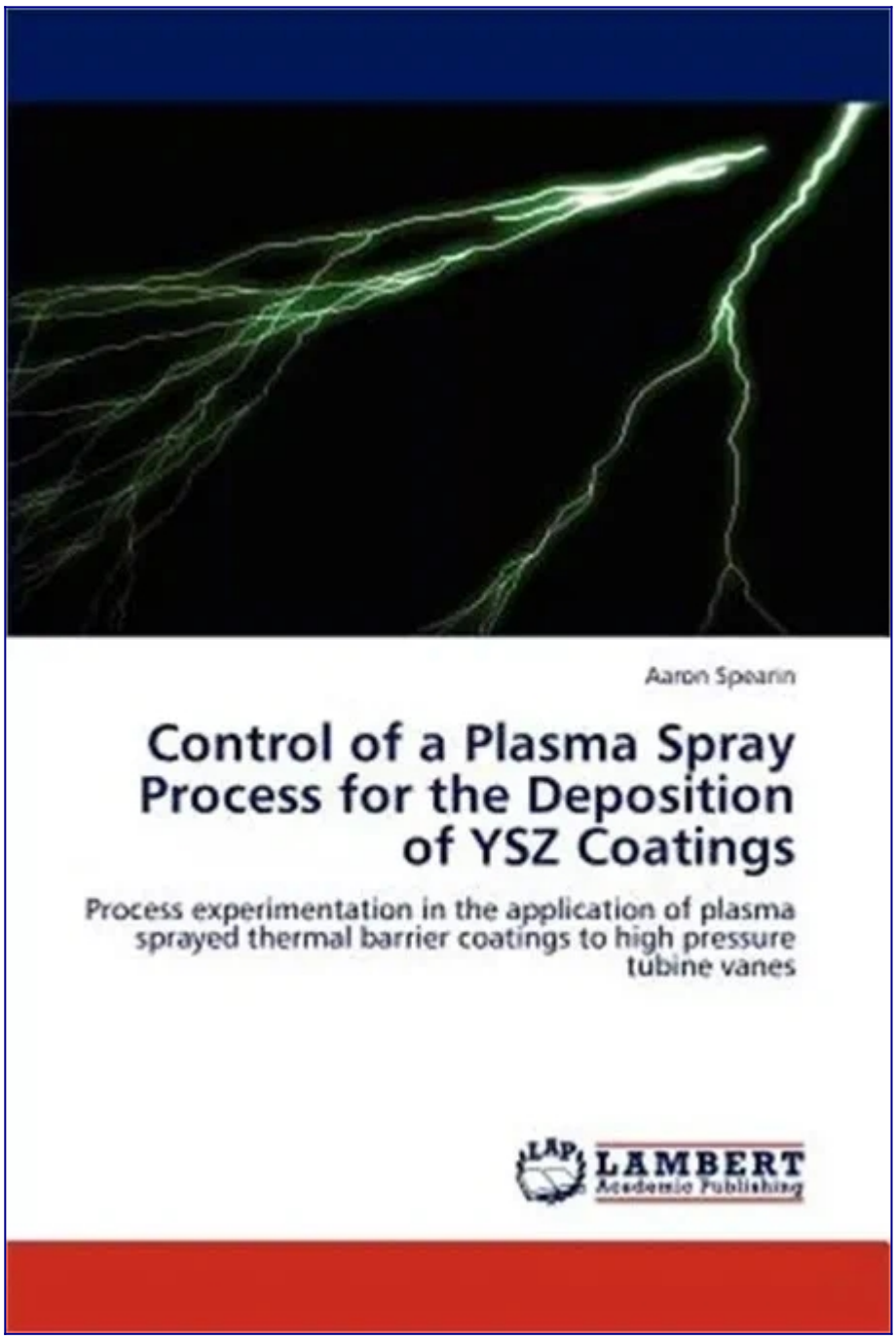
WILEY

Pulse Electric Current Synthesis and Processing of Materials

Edited by
Zuhair A. Munir
Manshi Ohyanagi
Masao Tokita
Michael Khor
Toshio Hirai
Umberto Anselmi-Tamburini

Ceramic Transactions
Volume 194

The American Ceramic Society



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @gravitomag
Each Element has a differing EMK Vector at Diffusion and Silicone carries lots of Electrons with it, even in the Plasma State. Silicone has unique Three Point Characteristics. In Applications of antigravity vehicle Plasma Vacuum Bubble Generation. Generally, Silicone is abrasive in Plasma flow and is a bad Canidate for ION seed Gas. The Nitrogen having a Solid Bond angle will result in Ion-Ion Separation. In application of Thermal Plasma Spray Coating the Nitrogen Bond tends to burn away, due to the Nitrogen atom hogging all the Heat away from the Silicone Nuclei. The best Coating I found was Calcium Copper Titanate, but it too abrades and needs reapplication every 100 hours. Barium Titanate has better adhesion and durability buy less Dielectric Strength and I pick 500 hours respray time for the Periodic maintenance. In Vehicl
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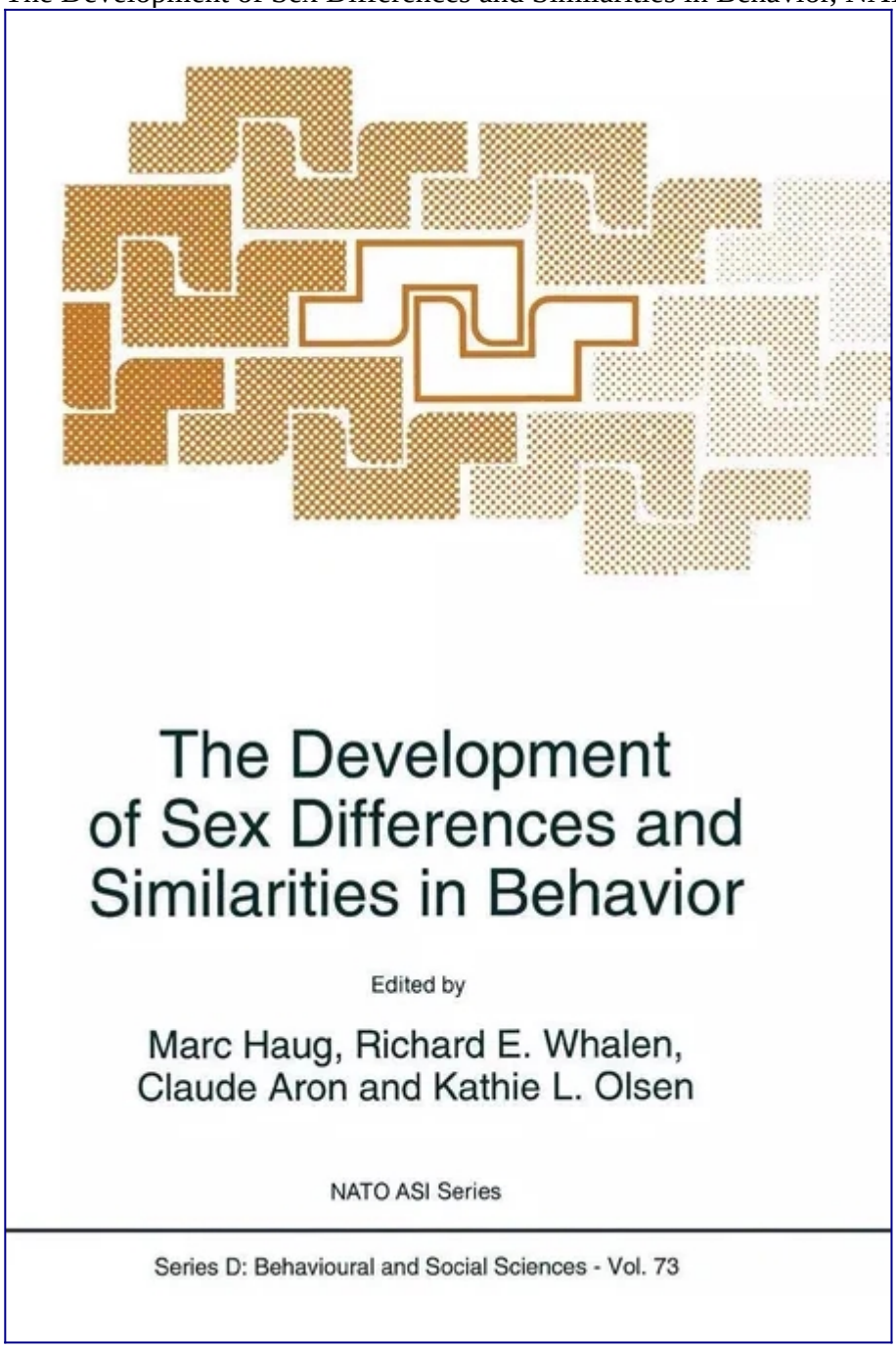
25 Dec 2024

The Development of Sex Differences and Similarities in Behavior, NATO Science Series y



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25 Dec 2024

The Reason for "LIKES" on Twitter is a Behavioral Modification technique to reward you with a Dopamine Fix, to make your mind Entrained and Rewarded. Go to Ebay, Select Books and Type 'NATO Behavior' and see how many Military Science Books on Behavior Modification pop up.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

25 Dec 2024

Replying to @covertress @HowItWorksmag

Measuring and correcting for Optical Thermal Noise Method is more accurate than this Optical Distortion Methodology measurement. Optical Thermal Noise Method is not utilized due to the requirement of a Big Radar Data, set to measure the Thermal Noise Path in the Atmosphere...

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Will post more from my own Physics book to help other understand. Antigravity is in the textbooks, but people turn to Grifter like Eric Davis to tell you that we get Antigravity from Time travelers.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @dutch1777real
When Santa died, they were to afraid to go check.
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@TMBSPACESHIPS
25 Dec 2024
Replying to @Baptiste_Fri
ERIC DAVIS has Duper Delight. en.wiktionary.org/wiki/dupin…

duping delight - Wiktionary, the free dictionary

en.wiktionary.org
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25 Dec 2024
If you Block the Lead. The rest are blocked before the other bots can find you.
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@TMBSPACESHIPS
25 Dec 2024
Replying to @Hunters_iphone @ChiefDinger
THe Language the Author uses indicate weak word pool.
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25 Dec 2024
Replying to @Hunters_iphone @ChiefDinger
You can buy a uncensored version of that book.
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25 Dec 2024
Replying to @ChiefDinger
If your serious and want to relocate to Austin keep in touch right here. To build a vehicle of such technological Advanced design, you should build a Kit plane to sharpen your skills. I have built 2 Kit planes and have enough experience at FAILURE to say, It requires a full large Body Aircraft Hanger and related bench stock to be successful. All Exterior surfaces need to be rated for 750°F @30 minuets rated. No Leaks allowed. Conformal Pyrolytic 2-inch-thick rated double pane Windows. The technical requirements of the design are very challenging.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @Enigma0UFOs

On Hyperdimensional methodology. I work with a crew researching Hyperdimensional Cloaking. The Method they were researching is a modification of a Antigravity vehicle's Modulation Diaphragm. The vehicle could generate a Bubble adjacent to the vehicle that seperates extreme tempature differentails in electrons to "OPEN as SPACE" for trave between the Electrons. If you spread Electrons apart, the adjacent electron spread their legs too.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @Enigma0UFOs
In plain simple controversial language, No. There is a massive misunderstanding of EIKONAL Nuclear Vectors. When a DOD/DOE antigravity vehicle is moving, it is magnetically Locked to the surface of the Spacecraft. The Magnetically Locked in Place Electrons follow the field even miles away. In Physics, this not taught as such and is outside a researcher's consideration. The Space Warping describe by average understanding, is seen when seeing the Fuel Vapors exit a car as you fill up. The Light distortion is a result of different velocity paths due to EMK field Evaporative/diffusive stresses. Many will argue the Vapor's Visual warped image is space warping.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @PresentWitness_ @TruthingtonPost
John Gault is tied for life, to a DARPA research program where he will produce no results, as expected,.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @ChrisZazula @ashtonforbes @tupacabra
You are a 1 to their 0.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @AtlanticThoth
Might be Mechanic next Semester, the Flight School needs 2 to 3 AIs for their maintenance operations. They pay more and have overtime.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @jkphilly_fan
What about that star Trek Movie that the Elite were having people's faces pulled off and put on their face. Kinda like what happened in San Antonio de Pintiyacu that Timothey Alberino investigated and found they had supersuits. DOD has developed Supersuits.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @covertress
David Carradine chose the wrong safe word. hIS Safe Word , ARRRGRRGG !
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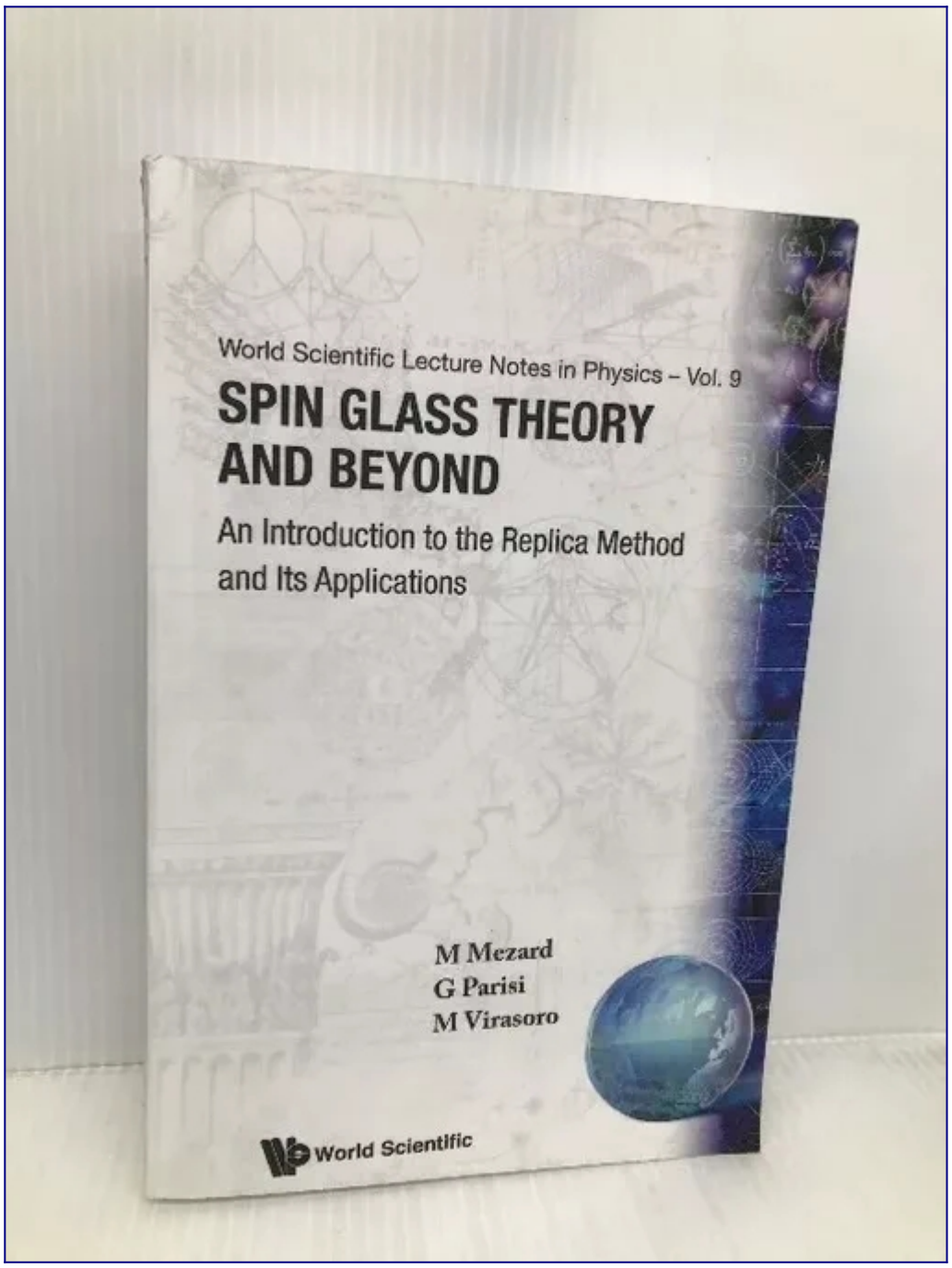
Load newest
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @AshtonForbes @ashtonforbes @tupacabra
New Level of Whorebotting taking place today.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RuthStan68 @ChiefDinger @elonmusk
One small group can make large change in society. I attended UT and met a friend the gave lectures on the Need for giant storm drains. Prior to the 90's, US storm drains were undersized. His lecture caught the ear of the Department of Civil Engineers, and they pushed the US to a better storm drain. His armature student lectures are the reason we have large storm drains today. Within a year of his lecture, article popped up saying the US Strom Drain system is undersized. (repeating his chorus)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @HustleBitch_
The Note counter what you see,
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Disordered Magnetic Fields will rapidly Polarize in a Plasma Field.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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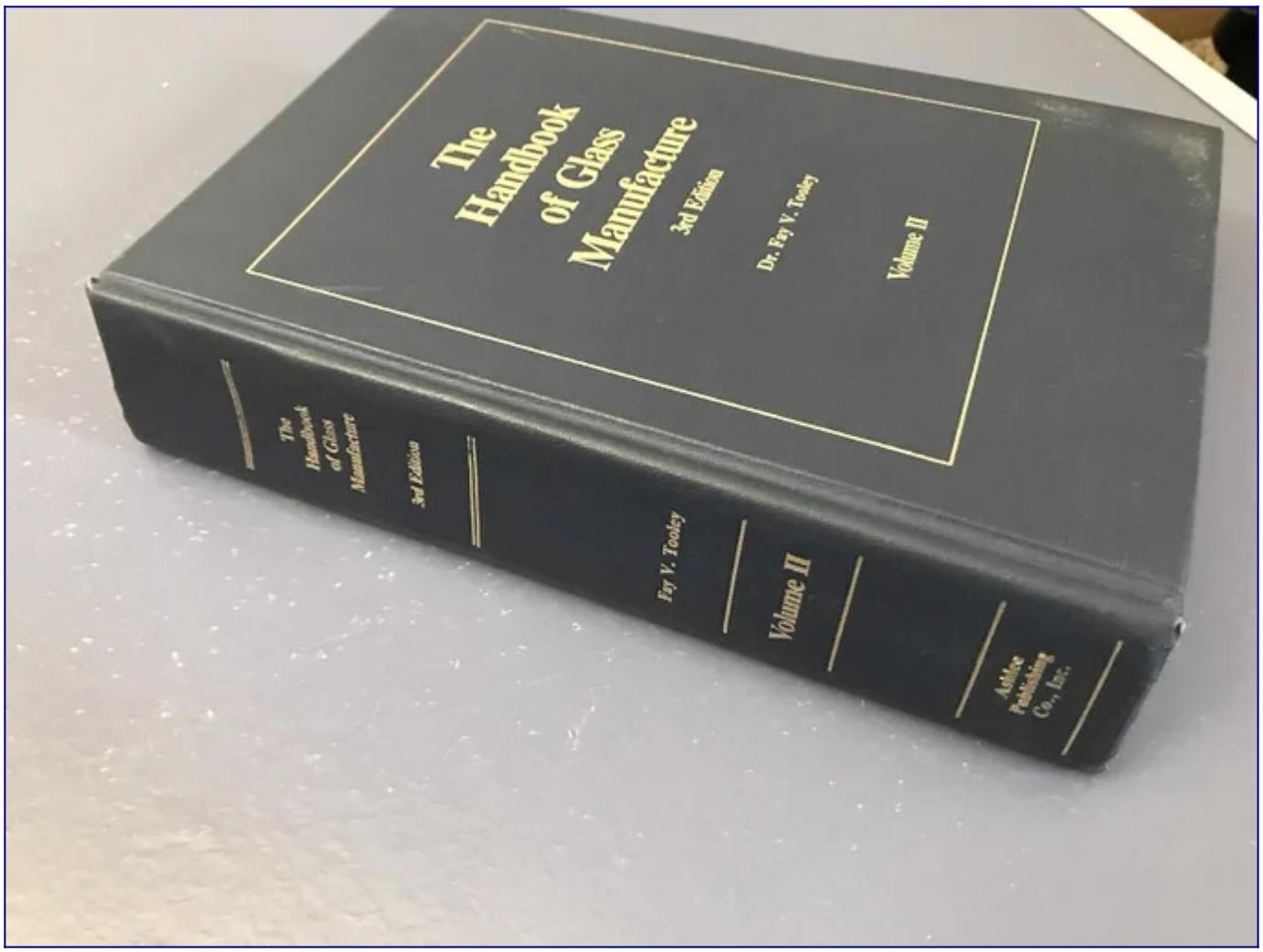
25 Dec 2024

Understanding Amphoras Glass is vital knowledge for researcher into UFO/UAP technology. I introduced Plasma Thermal Spray Fuselages to the DOD/DOE antigravity program. It significantly increased per watt float lbs.(Isobar Nucleonic Pressure) Previous researchers tried many Vapor Deposition and epoxies coating in the past, and they all burned off. Plasma Spray Glassy coated fuselages will resemble Alien Technology if you are uneducated. Free PDF textbook on the Physics of Glass and application. academia.edu/95421959/Spring…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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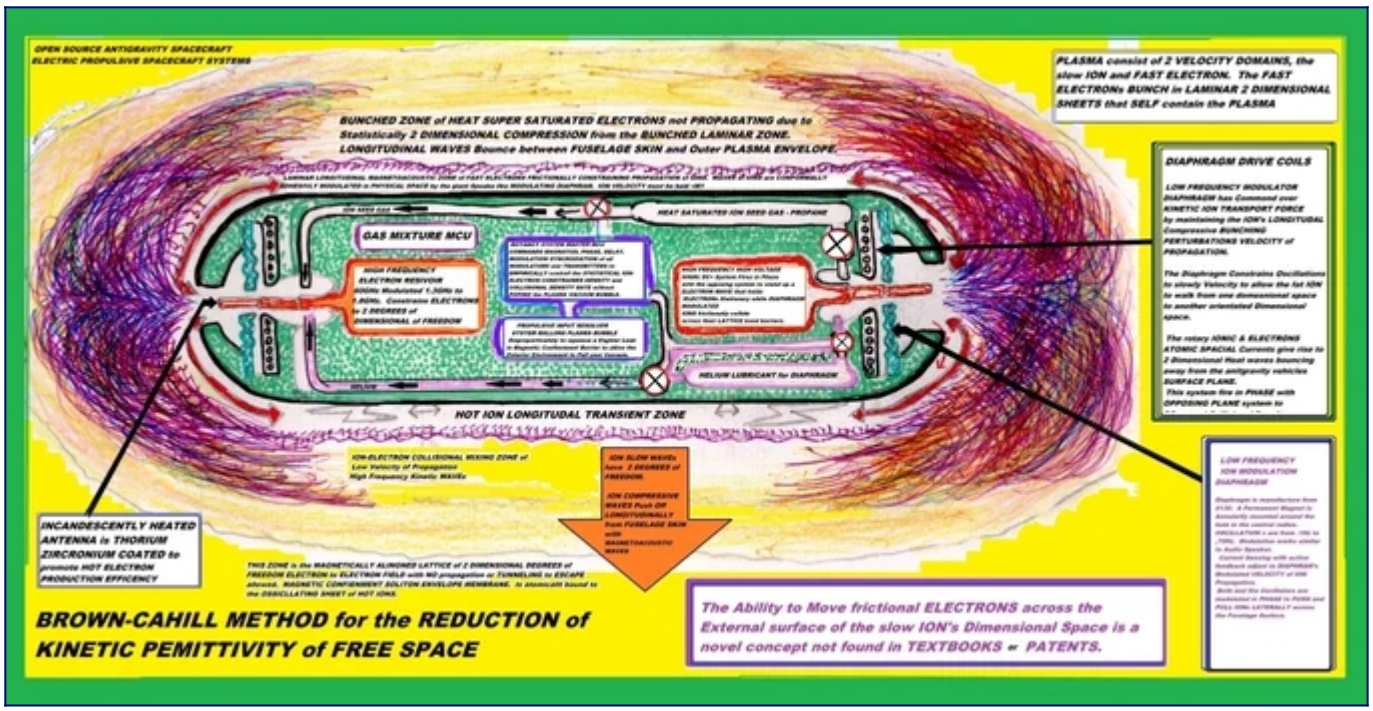
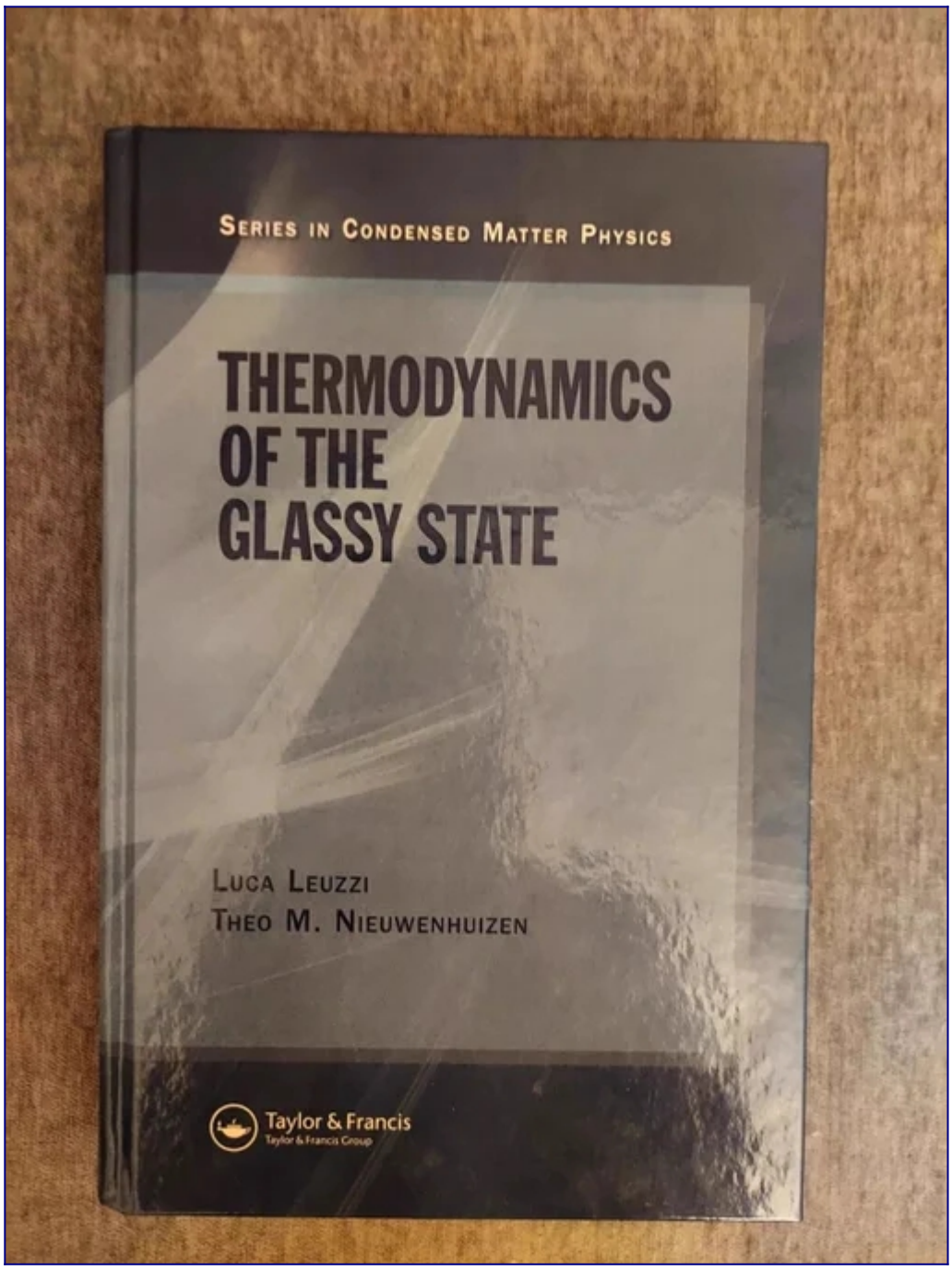
25 Dec 2024

They way you ignite the Plasma on the models that I engineered was simultaneous Shock Ignition where the Shockwave are calibrated to intersect at the Mid-Point. The with a small amount of metered Hydrocarbon Fuel, you Stoichiometrically Blow the Fire up into a big free-standing balloon. The outer boundary of the Plasma Hot Zone is an Electron Bunched Dense sheet establishing the Magnetic Soliton containment. The vehicle will lift from ground as the electrons race toward the Bubbles edge on ignition. The Majority of Academia cannot wrap their heads around Free Standing 2D Force Field of Plasma. This eliminates the consideration for research. DOD/DOE Antigravity vehicles float like a burning Ember, not caring for gravitation.


OPEN SOURCE ANTIGRAVITY SPACECRAFT
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
PLASMA consist of 2 VELOCITY DOMAINS, the slow ION and FAST ELECTRON. The FAST ELECTRONs BUNCH in LAMINAR 2 DIMENSIONAL SHEETS that SELF contain the PLASMA
BUNCHED ZONE of HEAT SUPER SATURATED ELECTRONS not PROPAGATING due to Statistically 2 DIMENSIONAL COMPRESSION from the BUNCHED LAMINAR ZONE. LONGITUDINAL WAVES Bounce between FUSELAGE SKIN and Outer PLASMA ENVELOPE.
DIAPHRAGM DRIVE COILS
LOW FREQUENCY MODULATOR DIAPHRAGM has Command over KINETIC ION TRANSPORT FORCE by maintaining the ION's LONGITUDAL Compressive BUNCHING PERTURBATIONS VELOCITY of PROPAGATION.
The Diaphragm Constrains Oscillations to slowly Velocity to allow the fat ION to walk from one dimensional space to another orientated Dimensional space.
The rotacy IONIC & ELECTRONS ATOMIC SPACIAL Currents give rise to 2 Dimensional Heat waves bouncing away from the antigravity vehicles SURFACE PLANE.
This system fire in PHASE with OPPOSING PLANE system to
GAS MIXTURE MCU
HEAT SATURATED ION SEED GAS - PROPANE
HELIUM LUBRICANT for DIAPHRAGM
HOT ION LONGITUDAL TRANSIENT ZONE
ION-ELECTRON COLLISIONAL MIXING ZONE of Low Velocity of Propagation High Frequency Kinetic WAVEs
ION SLOW WAVEs have 2 DEGREES of FREEDOM.
ION COMPRESSIVE WAVES Push OFF LONGITUDINALLY from FUSELAGE SKIN with MAGNETOACOUSTIC WAVES
INCANDESCENTLY HEATED ANTENNA is THORIUM ZIRCRONIUM COATED to promote HOT ELECTRON PRODUCTION EFFICIENCY
THIS ZONE is the MAGNETICALLY ALIGNED LATTICE of 2 DIMENSIONAL DEGREES of FREEDOM ELECTRON to ELECTRON FIELD with NO propagation or TUNNELING to ESCAPE allowed. MAGNETIC CONFIGNMENT SOLITON ENVELOPE MEMBRANE. Is atomicalt bound to the OSSICLLATING SHEET of HOT IONS.
LOW FREQUENCY ION MODULATION DIAPHRAGM
BROWN-CAHILL METHOD for the REDUCTION of KINETIC PEMITTIVITY of FREE SPACE
The Ability to Move frictional ELECTRONS across the External surface of the slow ION's Dimensional Space is a novel concept not found in TEXTBOOKS or PATENTS.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RuthStan68 @elonmusk
I like 304 stainless over 416. 416 will weld almost every ferrous material but suffers from excessive surface corrosion for a stainless steel.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RuthStan68 @elonmusk
Everything breaks down to Mechanics. Lev Landau and Evgeny Lifshitz authored a Set of 10 Textbooks to build a foundation of Advanced Physics. Course of Theoretical Physics
en.wikipedia.org/wiki/Course…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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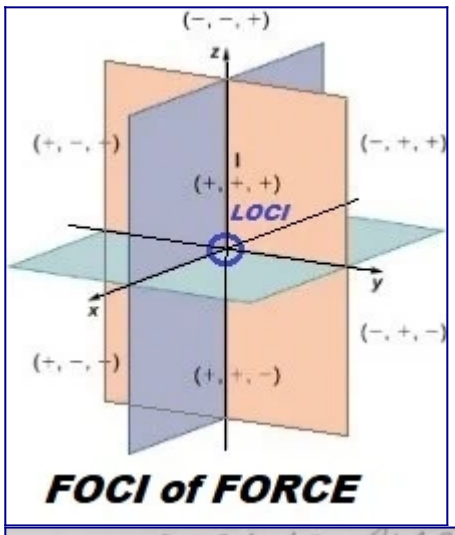
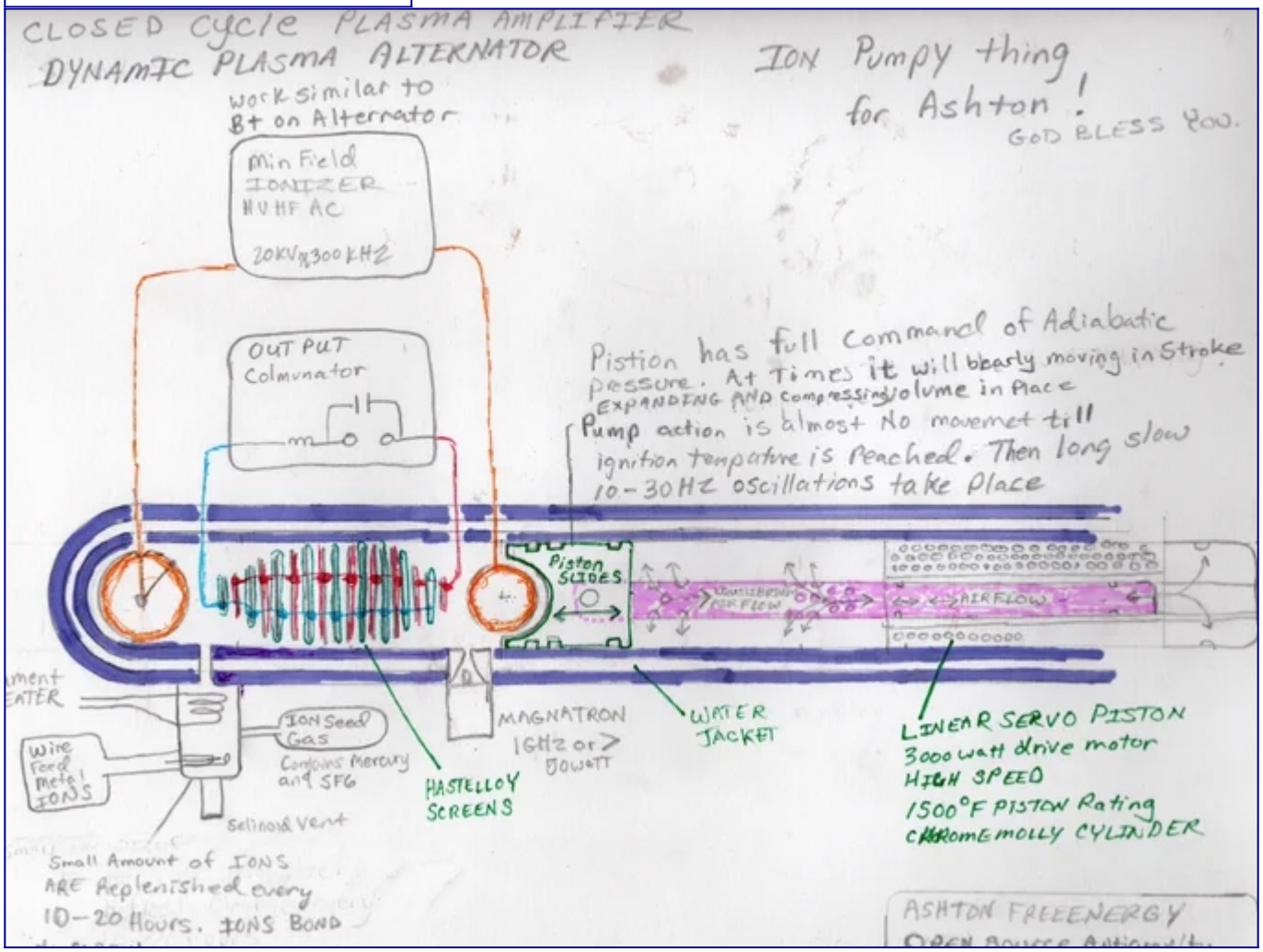
25 Dec 2024

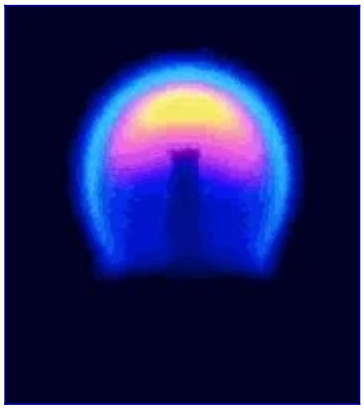
What is Zero Point. Zero Point is a reference in a Cartesian Cordiant system. Any point in space as force applied in 2 ways, LINEAR (Smooth velocity, Mach) Non-Linear (Renyolds, Shock Velocity). The Forces applied by Nature are The Electronic Axial, Magnetic Axial and Kinetic(Thermal) Axial, were all are tied at 90 deress to each other. The Forces are 'Pounding' in the Micro-Nuclear scale. So EMK(T) bombard the Zero Point at the Nuclear Center mass. This is what Zero Point is in reference. In Practicality, nonsense polluted the Information pool to father confuse research on Zero Point. Ion maintains a different Velocity and Temperature from the Electron. To make a simple free Energy Concept Device Out of Zero Point, shows lack of conceptual understanding. You use principals of Nuclear Force Transport to exploit the forces found Zero Point motionlessness. A simple device could be constructed as a Plasma Chamber, ignite plasma with a Hydrocarbon in the chamber and heat it up. Then use Amorphously Black Glass coated Flat Plates to Conduct the Physically Oscillation Plasma currents outside the plasma chamber, using inductors and special coating to facilitate the Electron Exit. Thew use of electric high temperature Servo Pistons to Oscillate the Plasma.





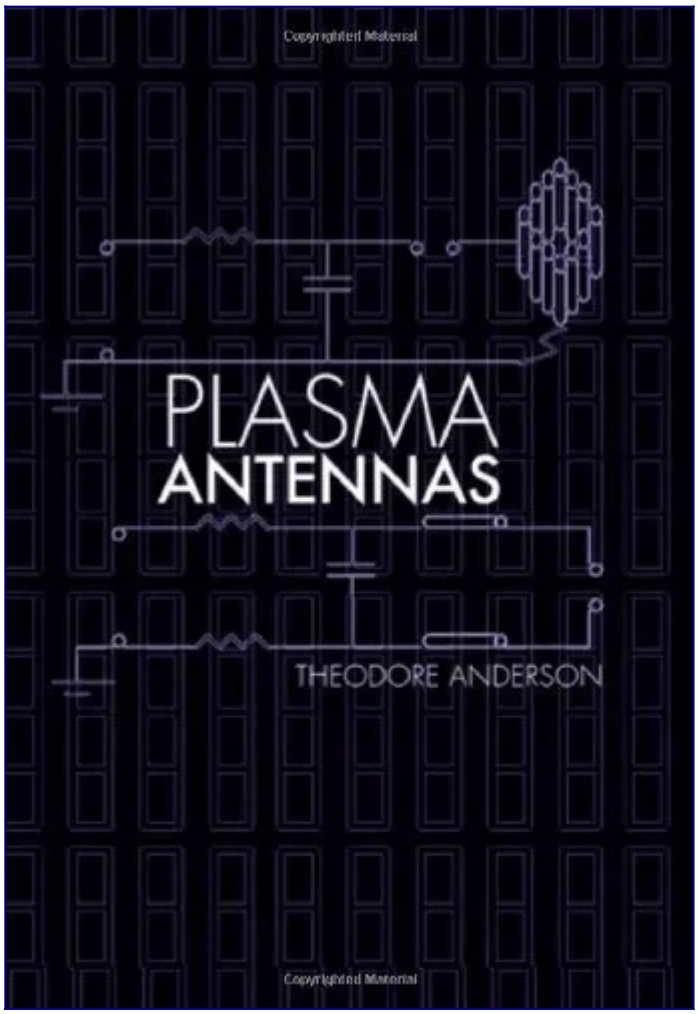
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @LarsonDelbert
QM lacks all Mesonucleonic research.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585

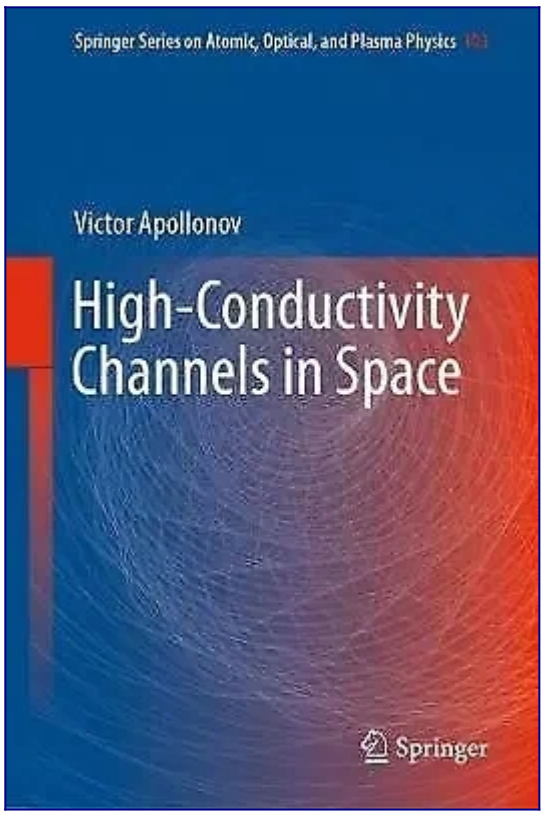
Type "Plasma" on Ebay books and just the Titles are Educational as to Fields of Study you had no comprehension of.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585 @Picodegallows
Have you ever seen file in a Plasma Field/Zero G Fire, or a Transmitting High Power (>100watts) near a flame.

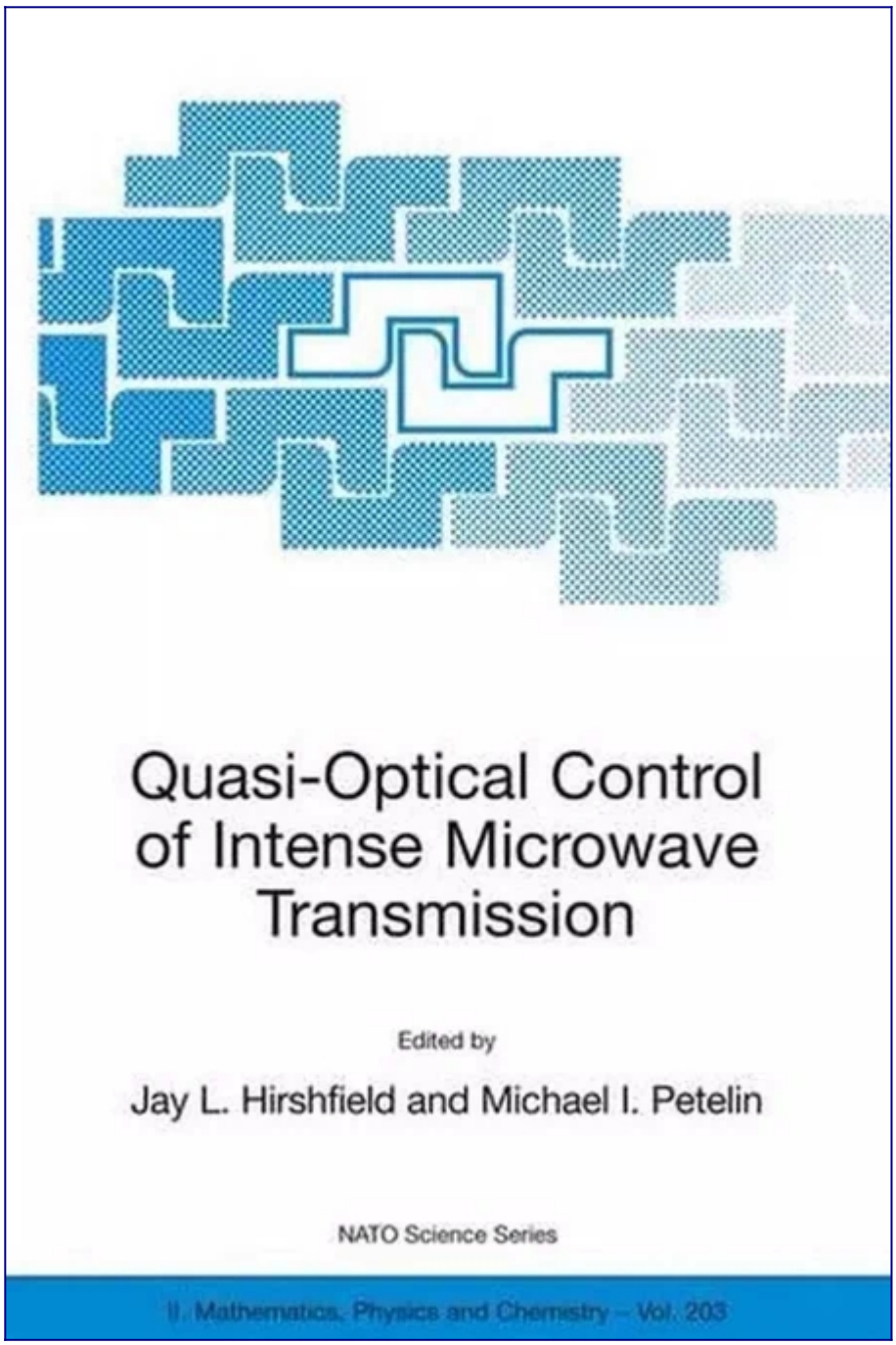


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @LauraLoomer
Even if the degree comes from the University of Oklahoma, They changed the grade to allow the person to pass. I have had over 50 changed grade in the last 4 years alone. Usually they change Fs to Cs but for Chinese Exchange Students, they get A's due to agreement between Pedo David Boren and the CCP in China.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @BrandonFugal
I wish I could share your BLOCKED list.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
I have always refuse to Sign an NDA because, You don't have too. You don't have to sign NDAs. That's for Fratboys in their pretend clubs. I am already in the military. Why do I have to sign an NDA when in the military? Refuse and they walk away and disappear. SIGN, and they will come back forever to manage you education of fellow men and you will be hit with IRS crimes if you step out of line. I was presented with a NDA that said they could have a secret trial on me and convict me to a death sentence. Just refuse to agree. The DOE/DOD NDAs are an AGREEMENT to have you prosecuted because you were stupid enough to sign your own death warrant. I was offered a lifetime free residence on a Military Installation of my choice, when I left the research Programs. Uncle Sugar also offer lots of Free Boeing and Lockheed Stock as an incentive to sign the NDAs. I could also have gone on the Talk show and Military Analysis Deep State propagandist at Major networks. The NDA comes with more than a Million Dollars in income, and they keep offering more as my contract came up. The final NDA meeting was some much like 30 Shekels I got real creeped out and left without setting down. As long as you point to were in the Textbooks were the information is to be found, they stay away (because they have no math skills).
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

25 Dec 2024
Replying to @RobertJ585
I can go on for Hours on the Noise Floor. I'll use the nomenclature 'Cosmic Universal Thermal Noise Floor were academia my use "Universal Cosmic Microwave Background". (some A+B+C+D Hole will DM me to correct me on that for sure). The wording has changed over the decades due to defining research. The Whole Universe is Moving, Nothing in the Universe is Not Moving. This is the Source of the Thermal Noise Floor. It is also the Place where the Energy Field that runs your body goes when you die. The Thermal Noise floor has Large Higher Dimensional Physical structure.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
Look through thge NATO ASI Series. This is the Breakaway's textbook series. You will find staggering information in just the titles of the Books. There are no NON Plasma Heated antenna textbooks yet. I have incorporated a Chapter on Heated Antenna's in a 3 Volume Textbook I've been working on for 30 years, to be published in 2026. There is no Hidden Physics. That's a stupid concept of the immature. Antigravity is in the Textbooks on Mesonucleonic Pressure from Electrostatic Tension. ('Electrically' Rated in Isobars) Go to Ebay select Book and typre "NATO" ASI Series. There are NATO ASI books on mRNA Bioweapons in 1995.




Springer Series on Atomic, Optical, and Plasma Physics
Victor Apollonov
High-Conductivity Channels in Space
Springer



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
Look at Books on Plasma Antenna for Comceptual information I wrote a Chapter on Heated antenna for the McGraw-Hill Antenna Textbook and was stop from publication by the DOE. The DOD didn't care.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
I had to go with Air Force one in 1998 for Bill Clintons South African trip. We had GPS and other type Jamming the whole time. I took some equipment and traced to the Jammers. They were expecting someone to find them. They were Russians and very nice to show off their Jamming equipment. I asked them to leave it on so the RF Spectral recorders on Air Force One could

thoroughly sample the jamming wave form, we turn those over to the Navy and Raytheon. The Russian only had a 5-watt UHF transmitter hooked to a Programable Frequency Generator. They completely jammed our Secure Com and was delighted I showed up and told them, they were studying Extreme Wide Band Encoding. The Russian told me they expected someone to find them and they brought dinner. (Chicken and Beer, I don't drink.)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
Tip from old EE, need to heat the antenna till it's incandescent and feed a Fuel through a Sintered antenna element to step over the Distance energy law.
Load more
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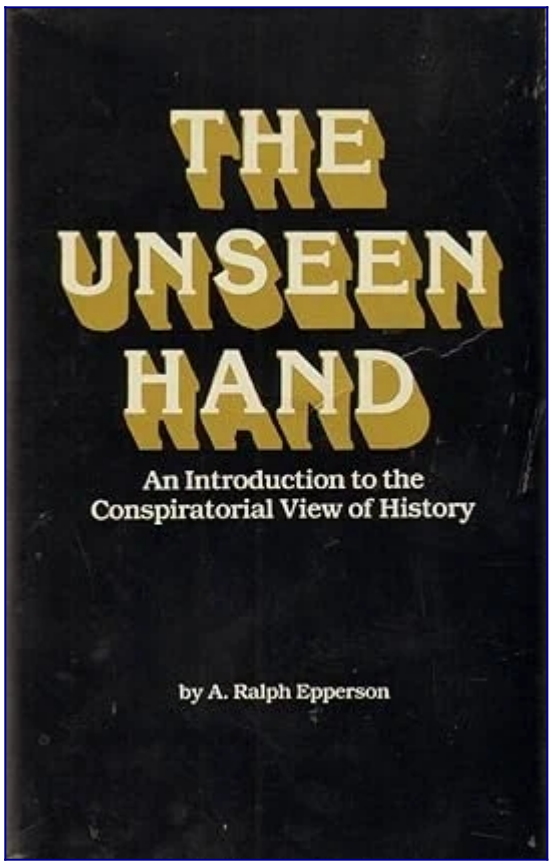
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RobertJ585
Is that PRIC 25!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RuthStan68 @elonmusk
I was 451x3 for 8 years.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @RuthStan68 @elonmusk
The 2 Guards standing in the Picture gives credence to being fake.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @codyaims
Air speed to high, after turn exit, placing them too close to the ground..
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @ChiefDinger @__An6el__
Is there a Welder out there that doesn't smoke ? That question tells you, I've been around lots of welders.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @codyaims
GPS jamming would not have crashed the plane in that manner.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @Mukshud @mukshud
It is US State Department Doctrine policy to remove as many PhD, as possible, from the rest of the world.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

25 Dec 2024
Replying to @arrowbombadil @__An6el__
That is more applicable to Vapor users. Vaping places a digestible oil over the cellular ion exchange structure in the Lungs and cools to a gel inside of the lungs. It is paramount therapeutic to Sweat the lung clean or COPD will set in. COPD's damaging effect is to prevent CO2 leaving the body. 1 stage COPD, you have good Oxygen levels but high CO2 levels due to the tar/vape coating preventing CO2 diffusion into the incoming breath.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @AshtonForbes @ashtonforbes
Most Physicist define/describe Warp Drive with LIES. Non- EMK(T) terms.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @Cernovich
I am a professor, and I buy older textbooks and hand them out in class. The University Dumbing down scam has the TEXTBOOK scam that every student gets to find out. Most universities teach Sears and Zamansky University Physics and 1949 textbook, updated continually. Not Updated to add new information. Updated and Eretta changed to present a New Package of a Textbook about every 5 to 8 years. Why do I have to have the new copy?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @dutch1777real
Drone.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @arrowbombadil @__An6el__
The Chinese lobbied for the NON-SMOLDERING cigarette because they patented the Paper and additive in this country. The USA adopted NON-SMOLDERING cigarette in the 1980's. Asbestos among the more than 100 in an additive. Cigarette smokers should regularly breath steam to sweat the interior lung surface. Benefits come about 15 minuets after breathing steam.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @ZPEdisclosure @haroldputhoff
Gatekeeping = People not understanding Mesonucleonic Nuclear Pressure.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Dec 2024
Replying to @Michael_Yon
This one is really fast read on the Deep States Treason. The Deep state had a Rattlesnake put into the Mailbox of the Author.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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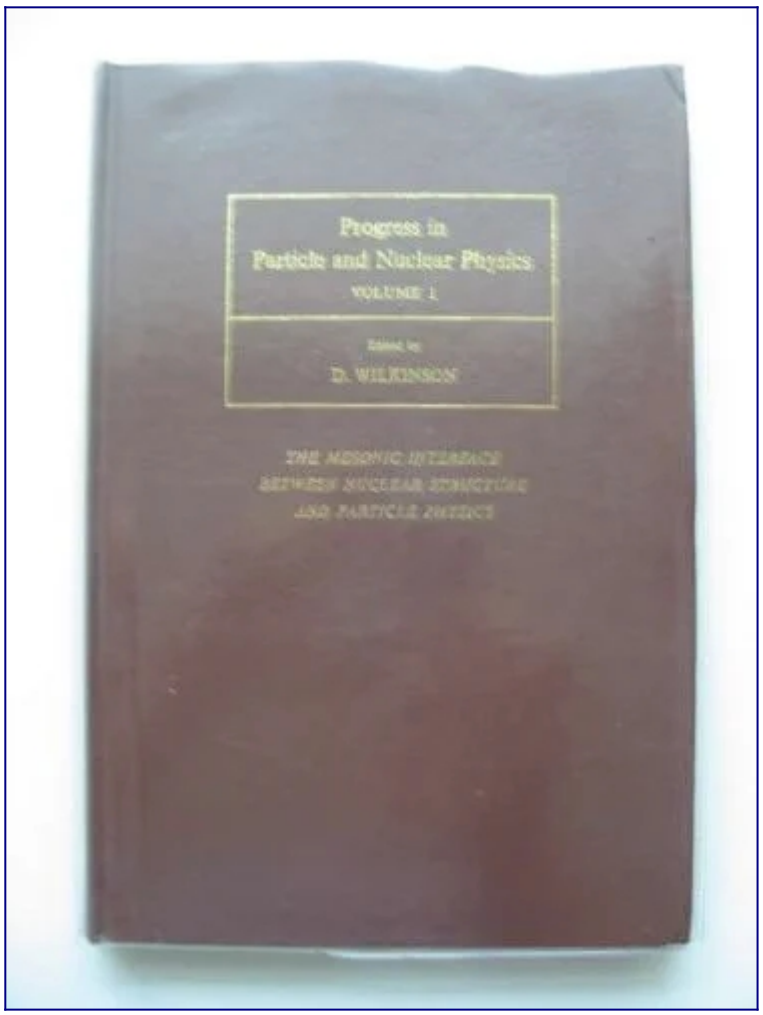
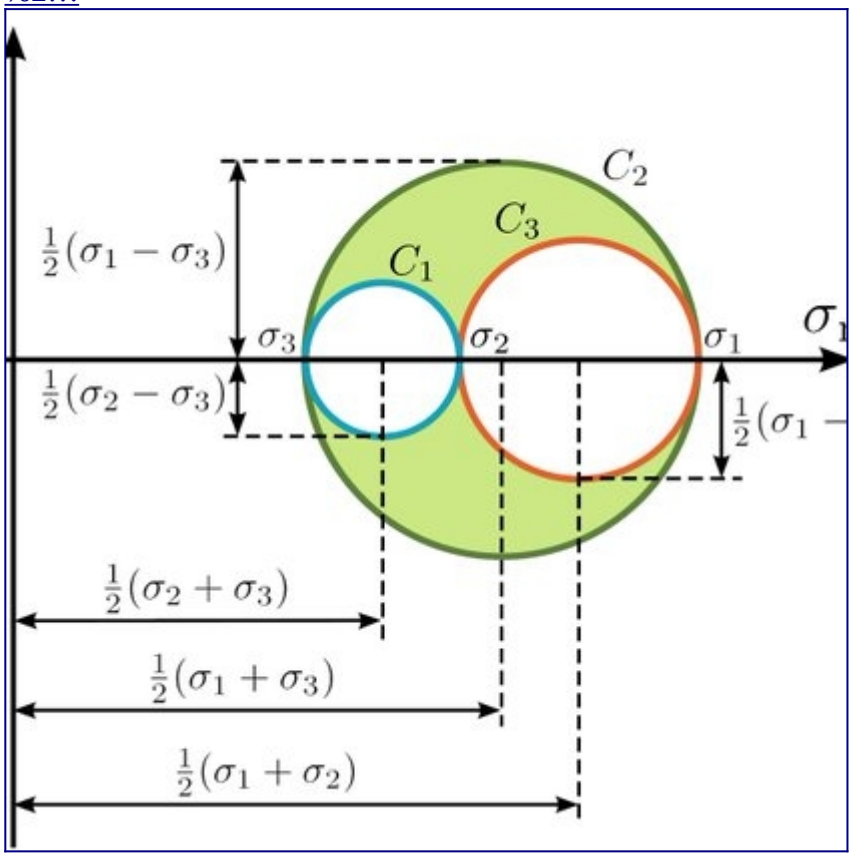
25 Dec 2024
Replying to @JoelLagace1 @elonmusk
THe Clone is Oblivious to this level of Technology. REAL FIELD Propulsion is not taught or understood well by mankind. You must teach yourself. This book, The mesonic interface between nuclear structure and particle physics: Proceedings of the International School of Nuclear Physics. Nuclear Isobar (Physical Nuclear Pressure) is calculated for Electron to Electron Bonding and Unbonding.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
24 Dec 2024
Replying to @elonmusk
Wrong Level of Technology. Ion thrusters are Fake and Gay.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
23 Dec 2024
Replying to @arrowbombadil @ashtonforbes
In a Cold Plasma, the temperatures of Ions and Electrons differ significantly along with associated Velocity. (T sub e) The Electron Field Temperature in a Cold Plasma can be exponentially high, often reaching thousands of Kelvin or even more. This high temperature is due to the electrons' small mass, which allows them to gain significant Thermal/Kinetic energy from Electric Fields Junctures, even when the overall energy input is low. The Ionic temperature in cold plasmas is typically close to it's Initial ISOLATED Adiabatic Plasma tempature or slightly above as the Electron Channel by. Ions, being larger on the Nuclear Dimensional Scale and of greater Atomic structural complexity than electrons, do not gain as much Kinetic energy from the same electric fields. The Electron's Field Current's, (Gradient), dimensional flows are to small for the Ion to Kinetically Couple through to the Electron Faster smaller wave flow front. The Electrons Fly in currents around the Ions as the Electron Lubes up with heat, Thermostatically Isolating the ION to a much lower Adiabatic Tenson temperature. This could be anywhere from 300 K (room temperature) to perhaps a few hundred degrees Kelvin, depending on the specific conditions of the plasma. Electron Collisions are distinctly the methodology of Heating an Electron to Extreme Temperature, where the Ions stay Cold (kinda). The ions do not gain much thermal energy directly from the electric fields due to their higher mass Electrons gain energy through collisions with energetic

electrons in Bunching Zone where Ions and Electrons are on a One-on-One relationship with a safe word, where Hot electrons get 'Lubed Up for Hot Transport" this process maintains the ion temperature relatively low by siphoning the Heat to the Electrons Hole. Didn't Santa use to smoke ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Dec 2024
One big Epiphany in Antigravity research was understanding how to apply Mohr's Circle principals to the Adiabatic Interfacial Media's 'Tensor' to find the drop off in Adiabatic Kinetic Coupling Point of Motionlessness in Equilibrium (where the pressure on the wave's 'front' turns to Vacuum, on aft side of wave ,the 'Tow') , in the Standing Shockwave's Standing Wake. en.wikipedia.org/wiki/Mohr%2…



Mohr's circle - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Dec 2024
Replying to @johnxdesouza
Bob Lazars explanation of so called Fake and Gay Gravity Generator is a lie. (except the part about 3 nostrils converging on one line). I like Bob but Bob lacks scientific comprehension and it shows in his changing explanations. Think about the Term "Gravity Amplifier". There are also clips of Bob Lazer saying , 'the Gravity Amplifier works by aligning it's Core to a distant plant, the planet the Aliens want to travel too. Then by 'Locking on to the distant Planet's Gravity and Amplifying the Planets Gravity pulling the UFO". That is not a Scientific statement and has no Basis in Nuclear Transport Physics.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Dec 2024
Replying to @AshtonForbes @ashtonforbes
What if the Stargate was secret Bill Gate "Human Incinerator" that came with a Free Starbucks Coffee for first ride.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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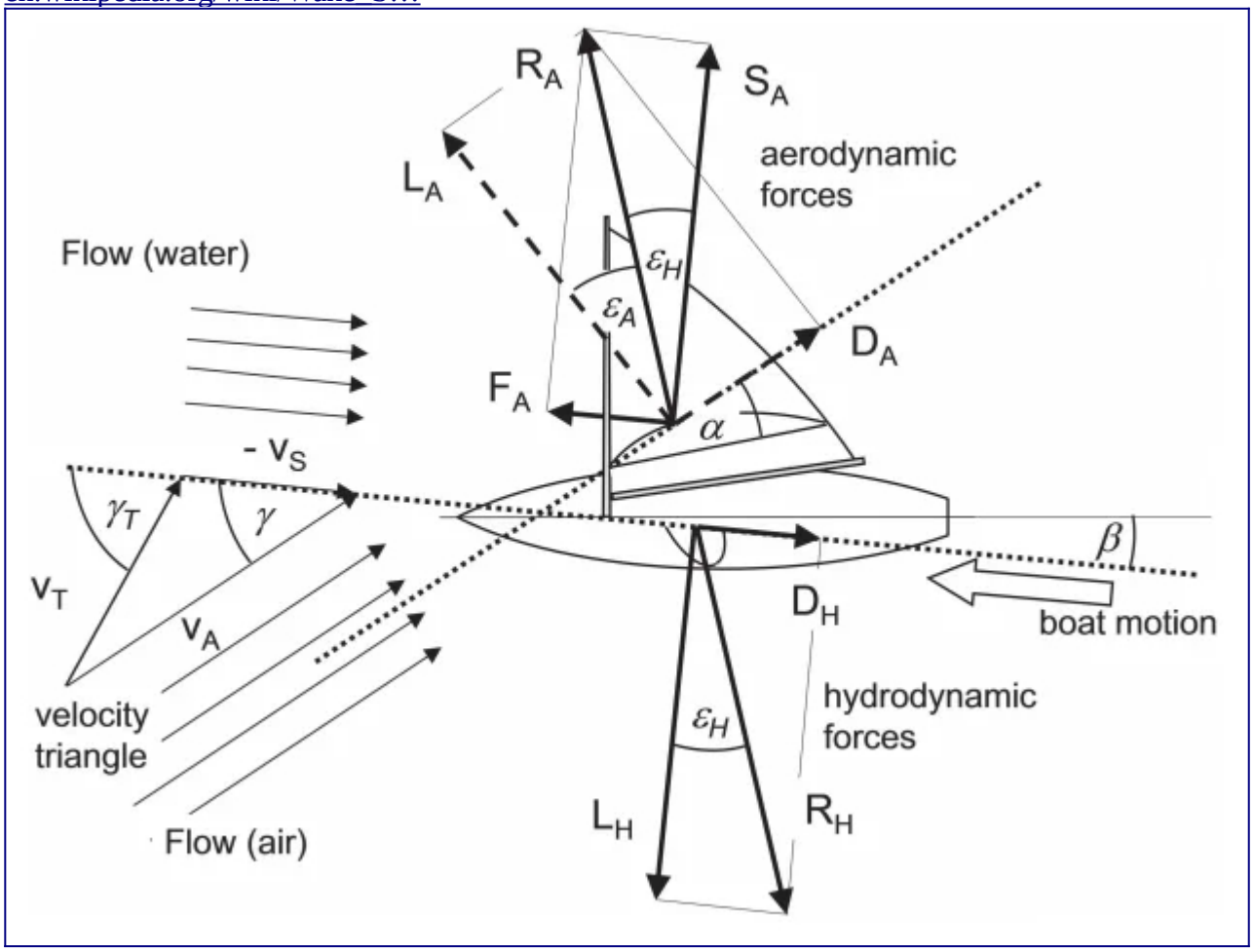
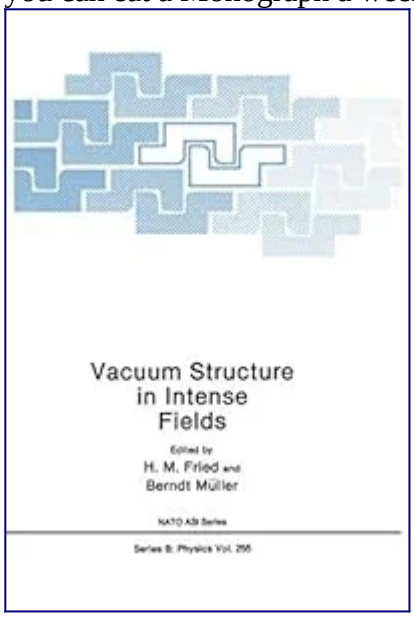
22 Dec 2024
Replying to @AshtonForbes @ashtonforbes @jasonpappafotis
Than persons response is uneducated. He states, "You cannot get Lift in a Vacuum". NASA says, "Yes, You can get lift in a Vacuum." (but NASA fakes videos for some reason) NASA's Wake Shield experiments clearly show Space is a Low Pressure Gas/transiting in and out of a Cold Ion Plasma. Solar Sails work on the Principal of Expanding Solar Wind. Outer Space has Ionic pressure driven distributive current just like a river, where Gravitational gradients increase in mid current. WAKE SHIELD experiments say Space Vacuum Physical structure haves like a Multi-Phase Vapor.
en.wikipedia.org/wiki/Wake_S…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Dec 2024
Replying to @Palmer71451Neil

Radio wave Propagate along the Hydrogen Ionic Lattice's Ion to Electron Interfacial tensor. This is well studied in Vacuum Structure Physics. Your statement can be twisted to say Radio waves do not propagate into interstellar space? Common knowledge is not passed on to Gamer Smartphone carrying Fratboys, so knowledge must be gained in years of research. You must write your own Family Physics book, Hard back publish it for your Future Generations and revise it Weekly the whole rest of your life. I have taught the most Advanced Physics to Post Docs at AFRL for years and can spot youth misconception in just a few words. Constant study is required of Advanced Post Doc Monographs to gain full comprehension. Antigravity and advanced technology is in textbooks not hidden. You are going to the wrong source to form your opinions. Everything breakdown to Mechanics. I recommend all of Lev Landaus and Evgeny Lifshitz's Textbooks for a starter. Once you can eat a Monograph a week, then let your arguments flourish.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Dec 2024
Replying to @Palmer71451Neil
You Define a Photon with it's own Definition.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @Mukshud @mukshud
The Flounders are going to Hate on you for not being inclusive Non-Symmetrical Animals. Flounders are Born Symmetrical and because of Sins of the grandfather they are forever in the Caste of the Bottom Feeder, Looking Up, Asymmetrically.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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21 Dec 2024
MESOSONIC : from Nuclear Transport flow, where the Ambipolar Diffusive speed is supersonic with respect to IONS but subsonic with respect to ELECTRONS.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @AdrianDittmann
AI will not give you antigravity. Antigravity is not Organized in textbooks and therefore beyond the comprehensive grasp of the Human using AI to find it. The majority of Post Graduate PhDs are lost in my lectures.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @DesertDiaries
Decorations, Medals Block 13 will have the word (CLASSIFIED) on Classified Medal Citations. in the DD214 and Abstract statements are in their "Classified Personal File" which stays active for life. if the worked top classified programs.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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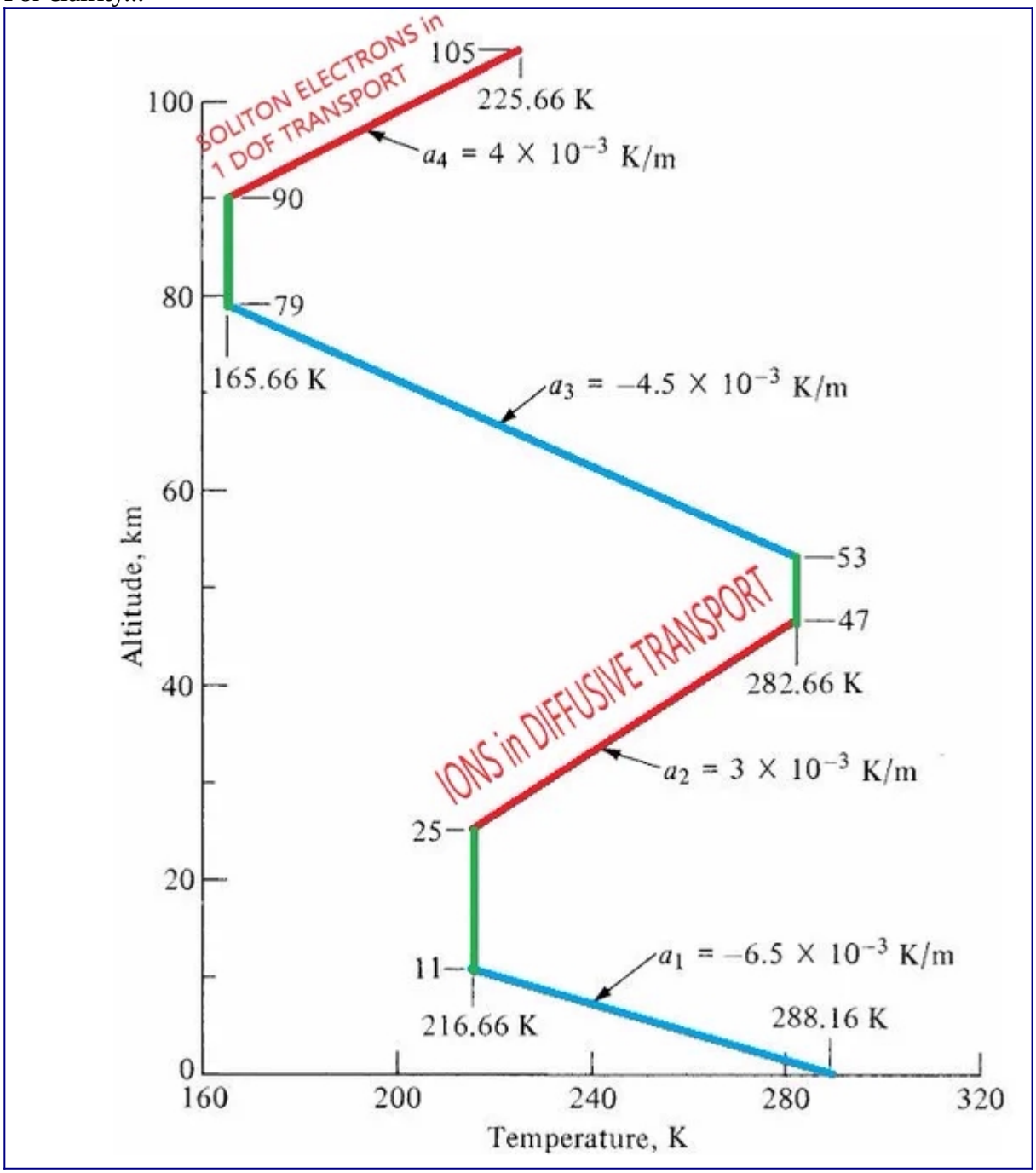
21 Dec 2024
For clairity...



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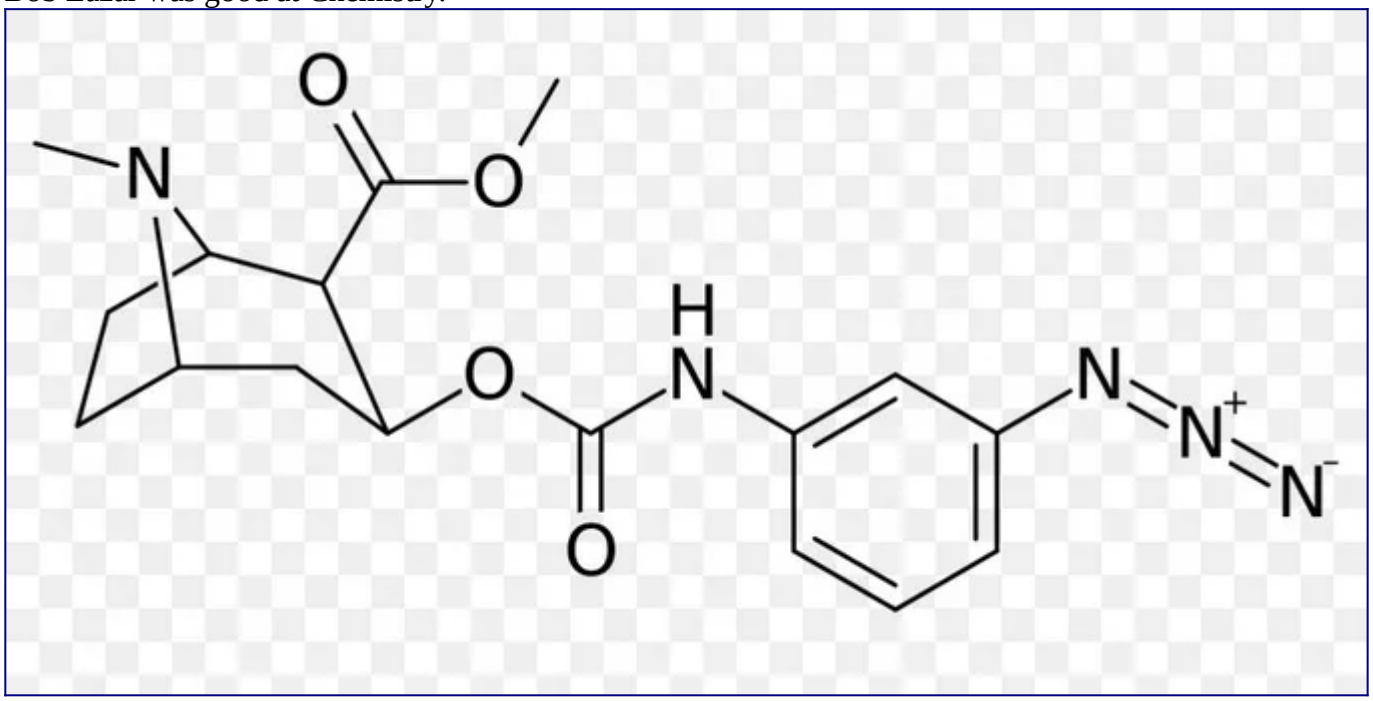
21 Dec 2024
Replying to @AshtonForbes @ashtonforbes

Bob Lazar was good at Chemistry.



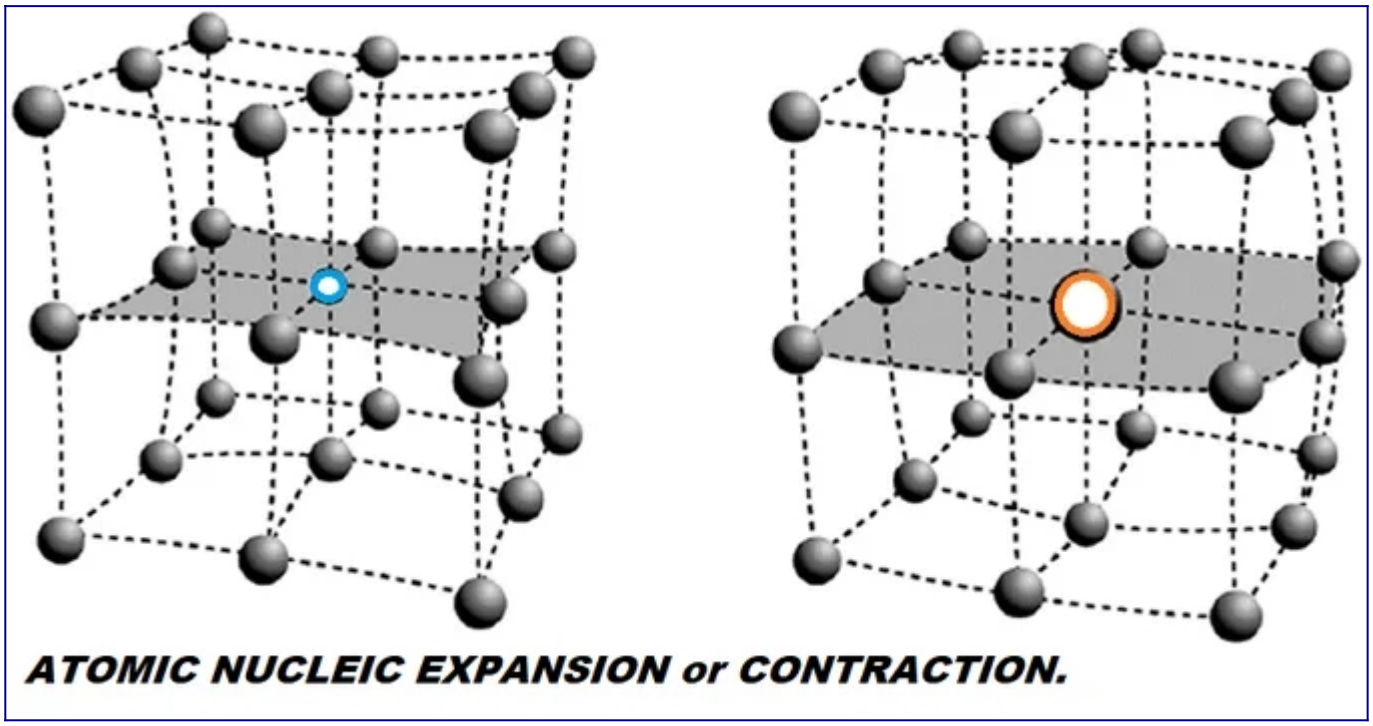
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @Sith6Sith6Sith6 @DisclosurePod @BrandonFugal
Don't leave out....

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @Mukshud @mukshud
Democracy = Monkey Republic. In a Democracy, Laws apply to Classes of People. Celebrity, Political and Financial Classes are selectively exempt. We have been Socially "Back" Engineered into a Democracy, from our original intended Republic. In a Republic, Laws apply to all.

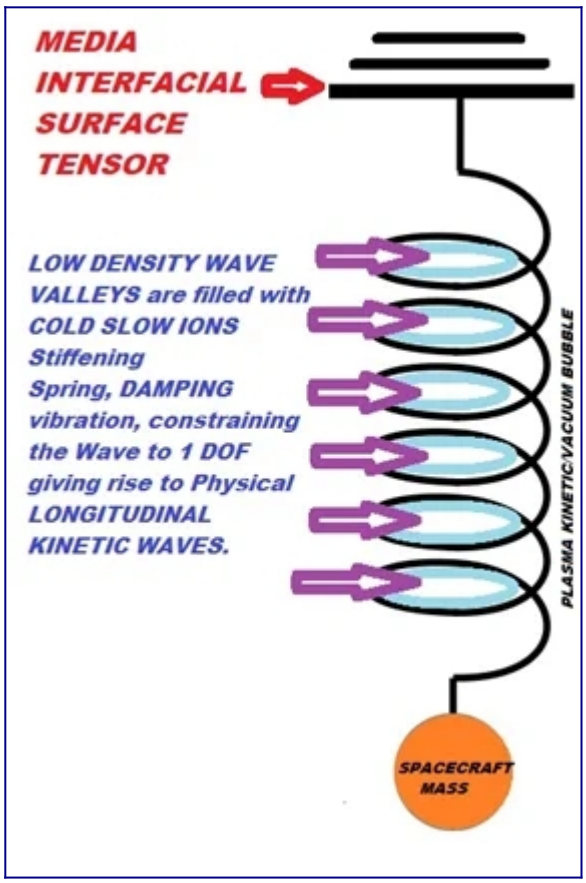
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @jstevh
In the World of Robber Barron Financing, Robber Barrons use Government Regulation to Drive out their Smaller Competition with Regulation that do not apply to themselves. Robber Barrons Socially Engineer society into Democracies. In a Democracy Law Apply to Classes of People. (Financial, Celebrity and Political Classes are selectively exempt from laws) In a Republic the Law Applies to Everyone.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @AdrianDittmann
Talking Toaster.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @AshtonForbes @ashtonforbes @RealxRevolution

People will tell you the Subject of this Textbook doesn't exist; Solid State Plasmas by Max Florian Hoyaux archive.org/details/solidsta…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @AshtonForbes @ashtonforbes @RealxRevolution
Devices can be constructed were Matter can be made to harmlessly pass through other matter but is actually, LARGER MATTER PASSING AROUND SMALLER MATTER. This is not a Transporter, unless you carry a smartphone. Gas mixing in Porus Media is the Field to begin Study in, then you build you education toward Solid State Plasma Mixing in Porus Media in Nuclear Matter has Corpuscular Nuclear Structure and Expanded Media can pass around contracted Media. Gravitation is NUCLEAR CONTRACTON or EXPANTION TRANSPORT FORCE.



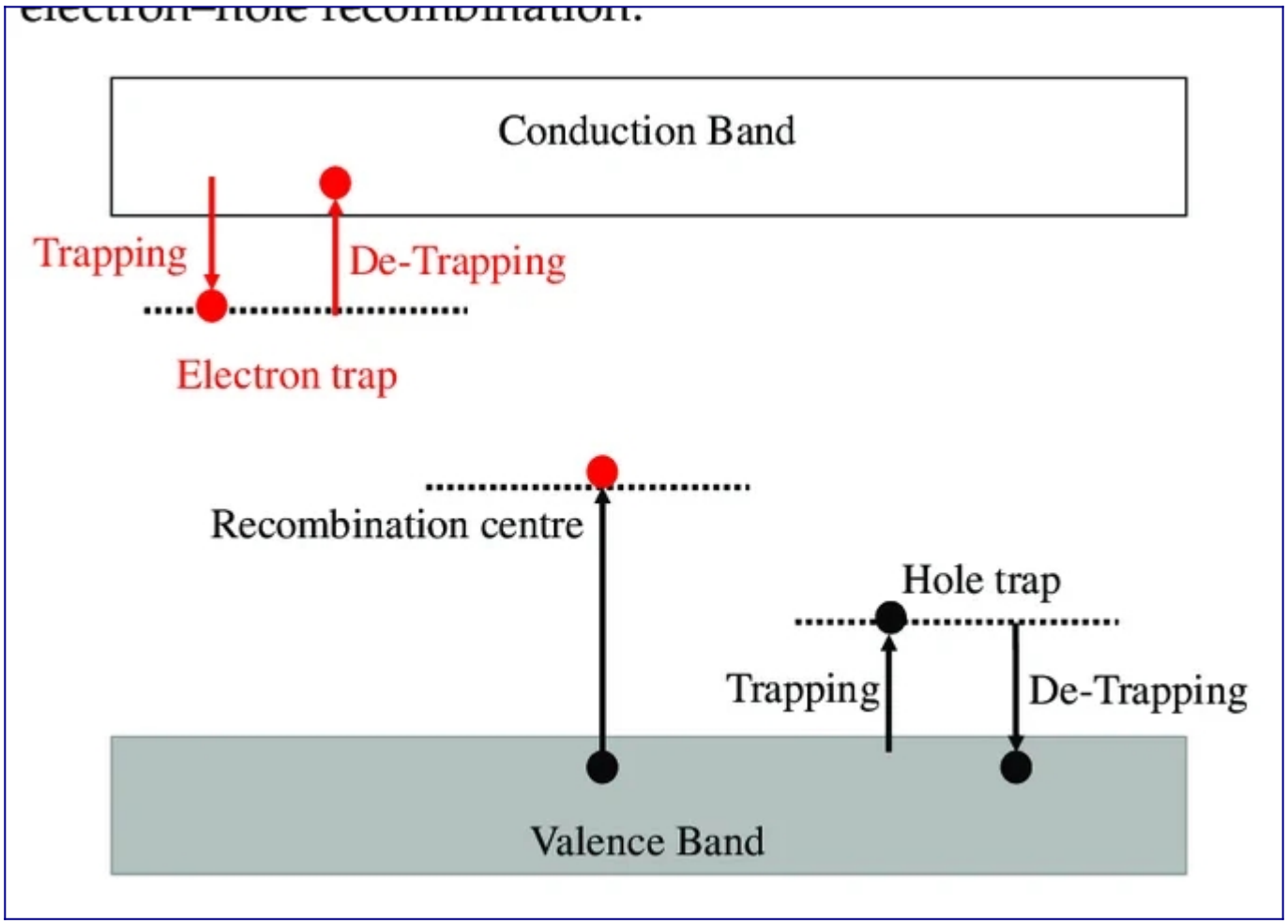
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024
Replying to @TMBSPACESHIPS @ashtonforbes



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Dec 2024

Replying to @AshtonForbes @ashtonforbes

That Method is called "ELECTRON TRAPPING" and does not require expansive sophisticated Femto-Second Lasers unless you carry a smartphone. In Electron Trapping Methodology, you fire Electrons so fast, the settling wave has no time to dissipate into the Surrounding Adiabatic Media before the next wave arrives, BUNCHING into a zone of Equilibrium seeking Electrons. (Photons are a renormalization Equilibrium Eddy from the Electrons Wake Spin Down). Photons are a WAKE/EDDY of an Electron. I said that and I don't care if you want to HATE on me saying the truth cause your AI or Smartphone tells you such. When Waves Propagate Faster than the Speed of Light the resultant Wake is a Cosmic Ray in the Renormalization Vector. In Electron Trapping, Electrons TRANSIT between energy conducting Bands of a Medias Fields conductive/absorbative Well/Holes/Valleys/Low Spots in Electron Energy Flow are channeled into a 1 DOF Domain (Field), in this case, Outward. The Eikonal Conversion toward higher Field Gradient resembles a concave Heat Bubble.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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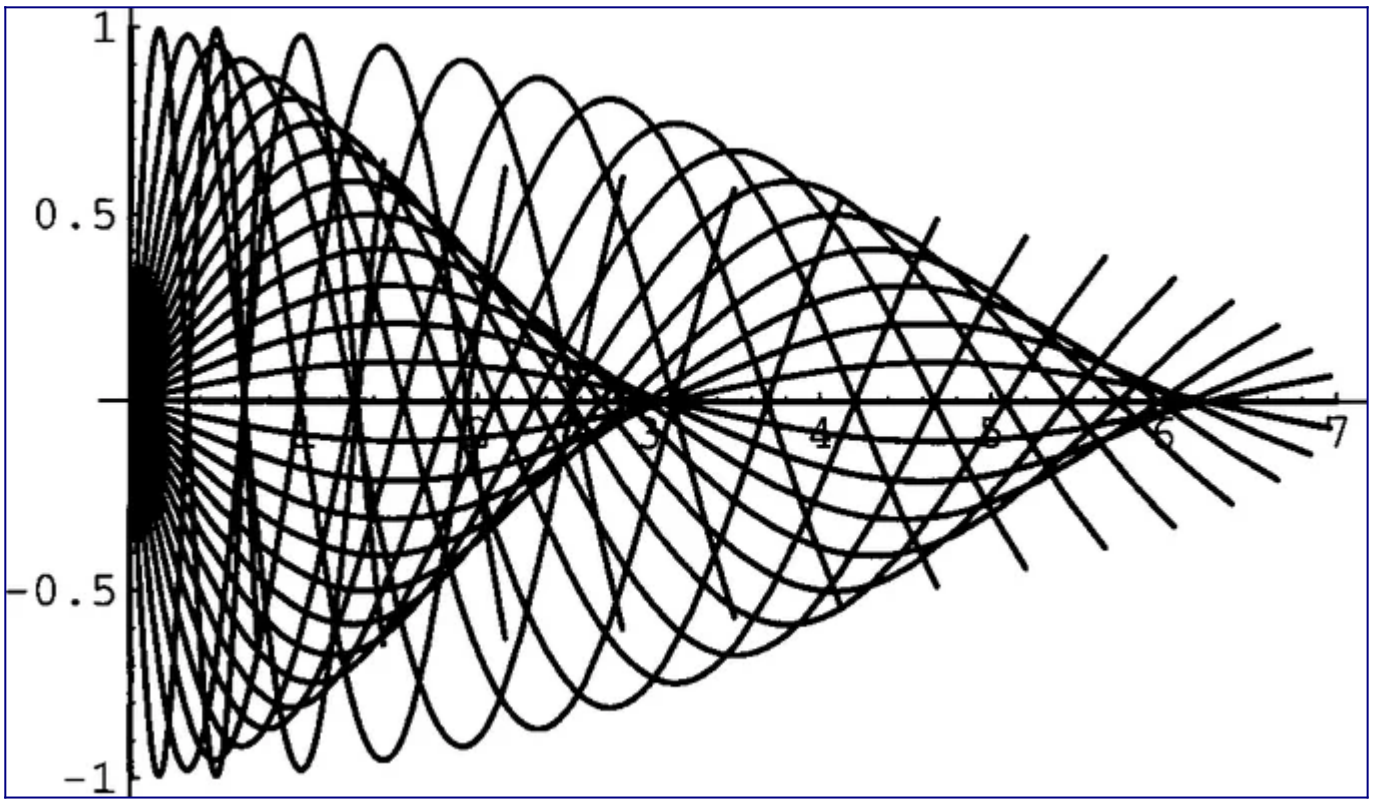
21 Dec 2024

Used along with Lattice Boltzmann CFD, FAST MARCHING Modeling Methodology is utilized to define the Discrete Wave Front evolutions of FIELD GRADIENTS, within the Univeral Cosmic Lattice of Continua to determine a MEDIAS CORRECTED SPEED of wave Propagation crossing through multi-media Fields. (like the air to water transits of UAP). Fast Marching Methods are used primarily for solving problems where an Expansion Wave propagates into a transitional medium's initial Interfacial Transit for force. Fast Marching Computations are used for 'Media Density Corrections for Speed of Sound or Light or Gravity (Pressure) Waves in Media. Where the Lattice Boltzmann methodology is a Statistical Distributive Spacing Function of DYNAMIC FORCE TRANSIT, the FAST-MARCHING Methodology is a Wave Front Time Arrival determinate for Velocity Correction from variables of Field Density change to Magnitude and Vector. The Fast-Marching methods are efficient for computing the arrival times of fronts in a variety of applications, including path planning, wave propagation, Fast Marching is a Computational Interfacial Tensor functions within lattice structures but are more focused on the Propagation of a Field Gradient rather than dynamics. In modeling 3D Lattices, Fast Marching Methods are used to solve Eikonal equations, which describe the evolution of a front in 3D space imm.dtu.dk/pubdb/edoc/imm841…



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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS

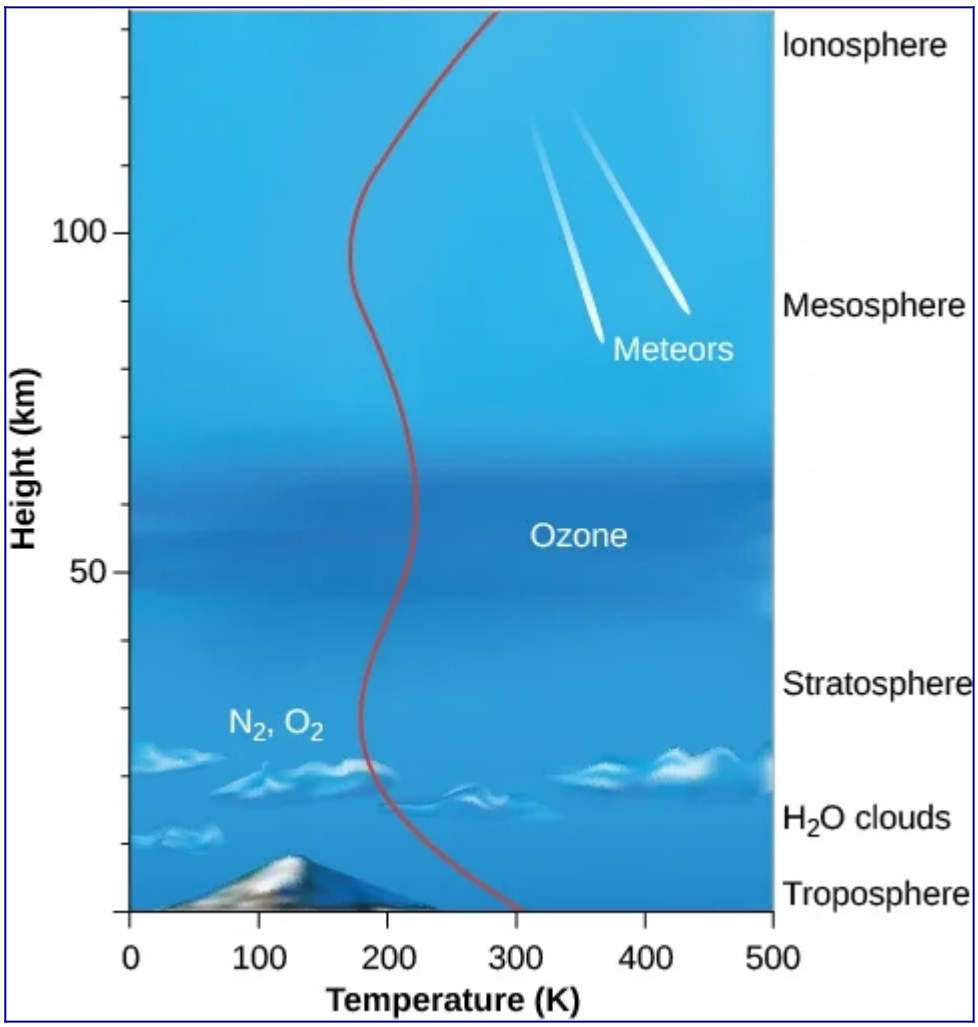
20 Dec 2024

Replying to @ml47251 @martinmbauer @ashtonforbes

The Physics is just not Understood.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS

20 Dec 2024



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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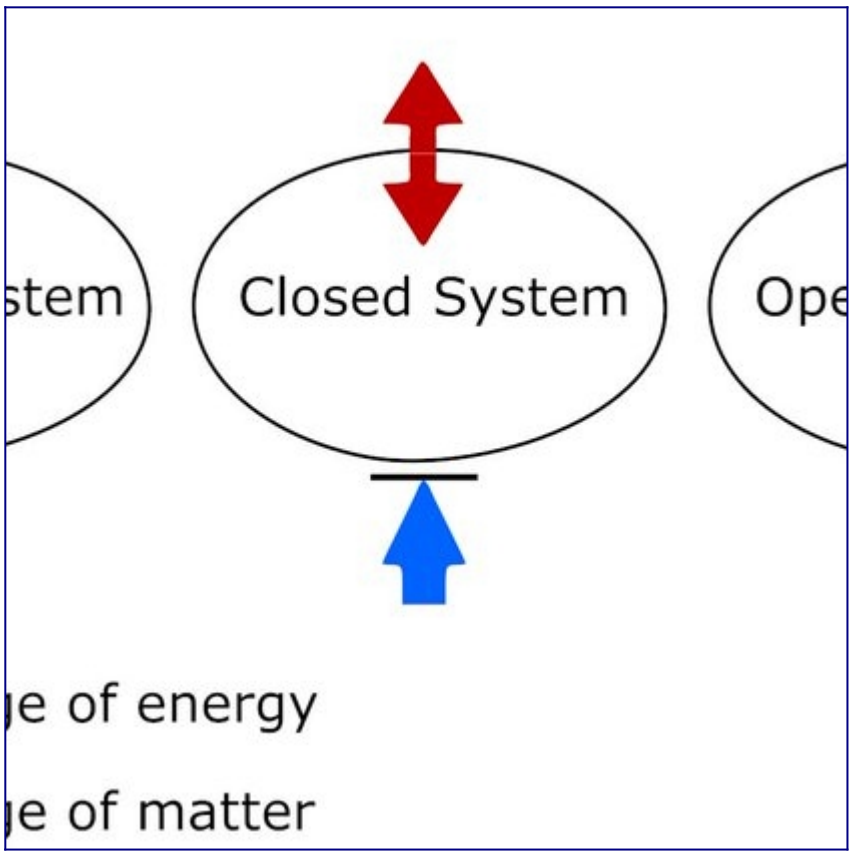
20 Dec 2024
The (reference) Standard Atmosphere Note Temperature Curve on Page 8 is desired Profile for Ambipolar Diffusive Plasma Vacuum Bubble Thermostatic Thermosphere Stability curve.
highered.mheducation.com/sit…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Dec 2024
Replying to @KAGURABA_CHi
Like this, Isolated system en.wikipedia.org/wiki/Isolat…



Isolated system - Wikipedia

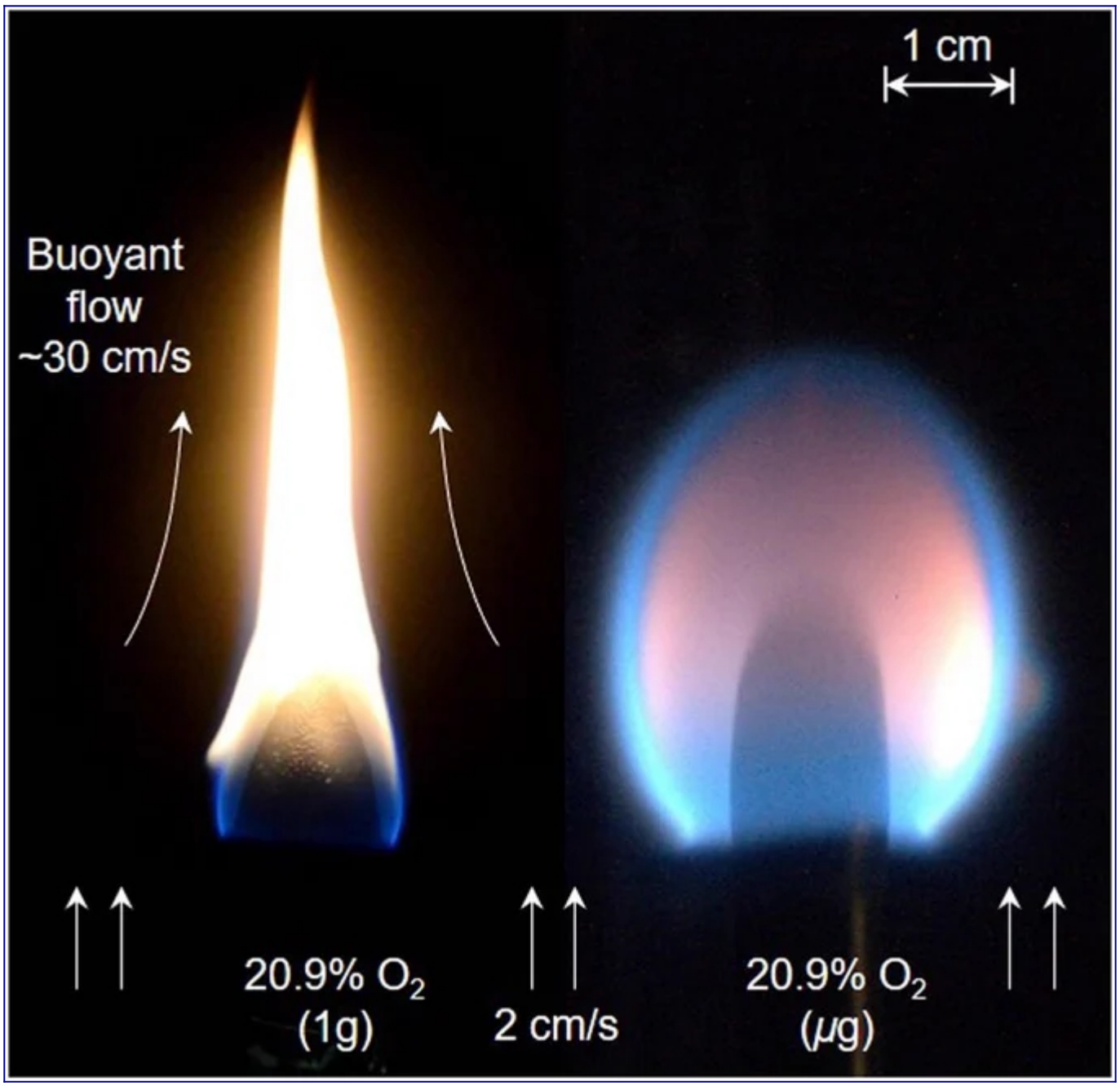
en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Dec 2024
Some videos of White Rods zipping buy at incredible speeds are vehicles of a Greater size than captured on Cameras. The Plasma Vacuum Field is almost invisible in daylight and Kerr shift gives the skin a mercury reflective look when hovering under certain environmental conditions. When the vehicle is moving, it will appear smaller in size due to the thermal Eikonal currents. So, these vehicles appear smaller, the faster the go, due to the 2 Media's Dual Eikonal Gradient, Ballooning acting like a Convex Magnifying lens of great size.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Dec 2024
Replying to @AshtonForbes @ashtonforbes @Mattigar @HometownBuffett @patriotxpants @truthpole
The Battery's on MH370 were "BULK-Bed" construction Lithium Ion batteries, not cellular construction. That is why the FAA banned the Bulk type construction Battery for aircraft. You have the equivalent of Highway Flares as Electrolyte. "Bulk" Lithium batteries are very Tempting to the smartphone carrying Engineer. Electric Bus manufacturers have banked hook, line, and sinker on Bulk Lithium batteries because they are cheap to manufacture".

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Dec 2024
Replying to @AshtonForbes @ashtonforbes @DonaldJTrumpJr @LueElizondo
Ask Lue to repeat the crap about 'only Alien Technology can make turns at 1000s of Gs' and 'human are mere Plebes and Connot understand'. my opinion on Lue; He's someone's Lugnut. Common

sense dictates these vehicles are in a Weightless, Motionless, Frictionless environ and the mass and occupants are weightless in 90° turns at Jillions of miles per hour. You relieve Electron to Election coupling to go faster than speed of smartphones. SO, does Lue have common sense ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Dec 2024
Replying to @arrowbombadil @ashtonforbes
In these images you see a Open Flame on a Gravitational plane (Earth) on the LEFT. Gravity gives Fire a Axis ? On the RIGHT you see a ELECTRIFIED FLAME or Zero G Flame, where perturbations are so low the flame is in equilibrium with the surrounding inward flowing air and has a Gradient in the Field, the blue is a spherical renormalizing zone. You Electrically expand the Blue are and Feed extra rich fuel flow at ignition to blow open the Plasma Vacuum Bubbles' Standing Shock/Wake wave with the expanding vapor(Kinetic Ambipolar Ions). This must be modeled in Computational Fluid Dynamics to be efficient, redundant and reliable. IMPORTANT STUDY NOTE on PLASMA The energized flame is smooth (Linear) all combustion is a LINEAR sequential STICHIOMETRIC (ROBLOX style 2D Ionization) the blue Outer renormalization zone becomes the KINETIC STANDING WAKE that causes a rush of giant Electron clouds to push the Electric Propulsive Spacecraft toward the center of the Plasma Fields most MOTIONLESSNESS Equilibrium zone in the middle of the Plasma Vacuum bubble.

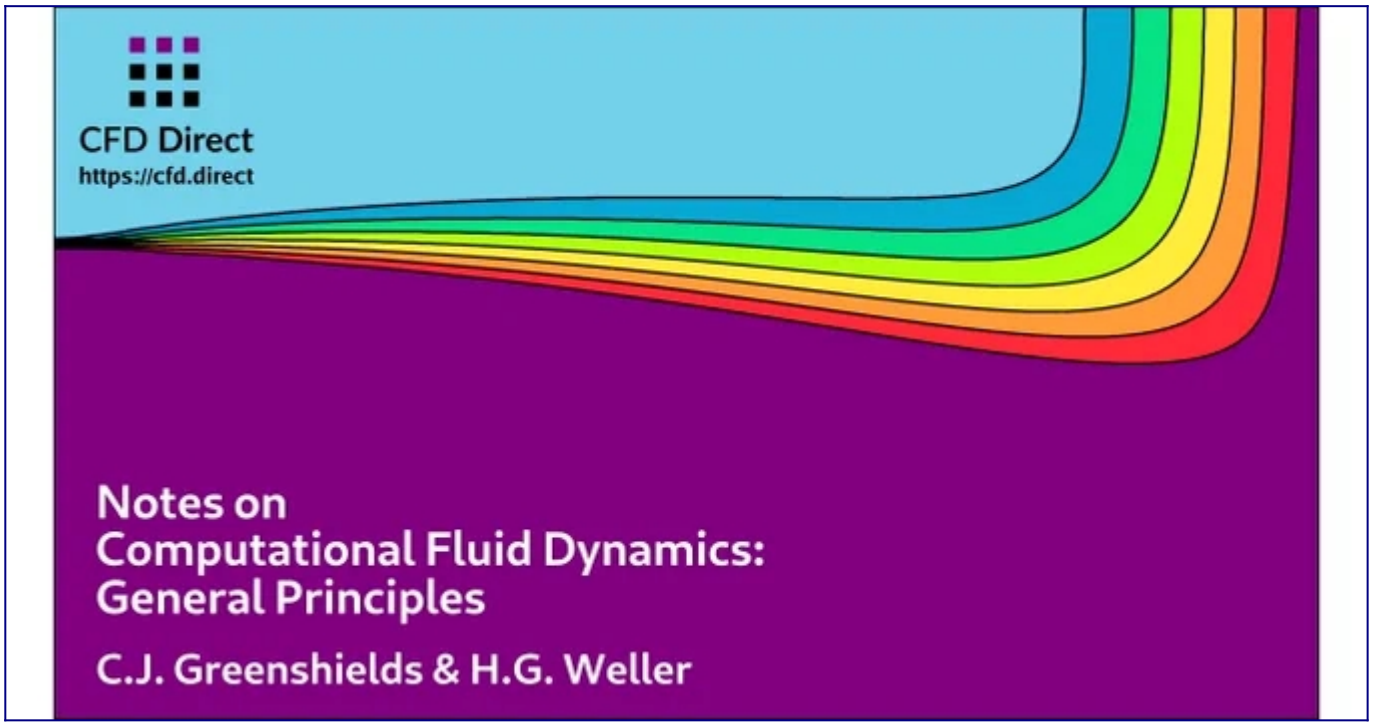


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Dec 2024
Replying to @arrowbombadil @ashtonforbes
The Blue to yellow Flame is slow Ambipolar Diffusion. Ambipolar Diffusion the "Evaporative/Diffusion" separation of the molecules into Ions, then the Ion into Electrons and then add fire(electricity) and you 'SIEVE' the Electrons into Fractional Electrons resulting in the Plasma state.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Dec 2024
Replying to @AshtonForbes @ashtonforbes
Keep in mind, A Pilot light in a burner, is a Cold Plasma.

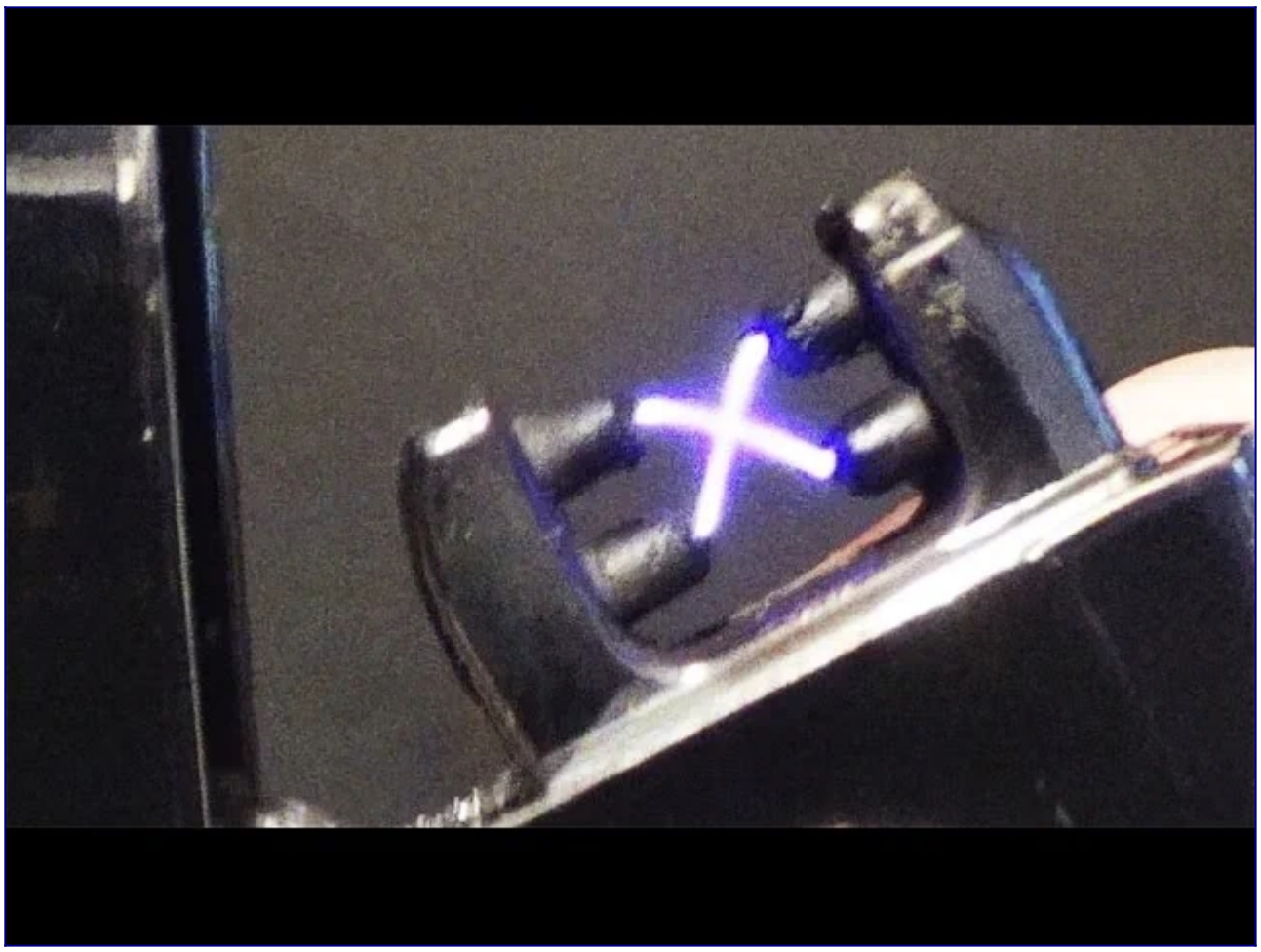
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
18 Dec 2024
If the Photon is not modeled in Nuclear Force Transport, do Photons have any importance or Contribution to Antigravitational Spacecraft that travel faster than light or is it just a Drag of Distraction when going faster than FTL, W here M>1, G>1, L>1 . Where M= Ion to Ion Velocity of Propagation, G= Ion to Electron Velocity of Propagation, L= Electron to Electron velocity of Propagation.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
CFD Direct OpenFOAM@CFDdirect
18 Dec 2024
The Reynold-Averaged Turbulence Modelling chapter of our book, Notes on CFD: General Principles, covers the details of popular turbulence models used in modern #CFD in #OpenFOAM
cfd.tips/1700



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
18 Dec 2024
Replying to @Mukshud @mukshud
You spread Electrons way far apart, in a Debye-Boltzmann Statistical Distributive interatomic dimensional spacing, for Hyperdimensional Physics. Then you walk between the Electrons, looking with a magnifying glass the whole way, while you are inside the PORTAL.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
18 Dec 2024
Antigravity Spacecraft Engineers need to know how to make Resonant Arc Power Supplies (Linear/Smooth) and Captive Discharge Power Supplies (Non Linear/Shock)



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
18 Dec 2024
Replying to @Mukshud @mukshud
tiny bags of electrons, neutrons and protons are going nowhere, Du-ing Nuttin Continually Waving at You.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
18 Dec 2024
Replying to @PaulSaul2001
In Engineering Practices, Tritium is a material to be used in Engineering. You poorly define a question's "Context". I could use it in an Instrument Indicator. I could use it on my Gun Sight when traveling in my Antigravity spacecraft. You fail to define APPLICATION METHODOLOGY. The

Focus of the question is also Lacking Intent. If there are infinite ways to use Magic Water and I only gave you one..... I would have failed at giving you a lesson in Semantics. How are Dildos would be used in advanced propulsion? Many, Many, Many ways.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
18 Dec 2024
Replying to @fiery_jack_
Maybe, Maybe, Photons be a type of 'Eddy' of Transport Renormalization but different Semantics and Nomenclature.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Photons are not modeled in Nuclear Force Transport. Think about that.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @ChiefDinger @ashtonforbes
The person Narrating the video, poorly explains "Media Corrected Speed" in a High School Knowledge Word Pool. Velocity of Propagating Wave must ALWAYS be Corrected in relation to Media perturbations in a NON- Shock (Linear) Diffusive/dispersal Function. Velocity Domains within Media, are governed by Media Density. Shock is Cavitation in Mechanics and defined by a Spherical Coordinate Modeling methodology named the Renyolds Number. Ion to Ion kinetically Couple through an even distribution of, Ion to electron to Ion, Debye Boltzmann statistically distributed perturbation will only propagate. At slow speeds of Ion Wave Propagation, the propagation has Electron, Magnetic and Kinetic(thermal) Waves travel the same velocity together at 90°, Rub a Dub Dub, Three Waves in a Tub. If Speed exceeds the corrected Speed of Sound, cavitation Bubbles form. So ION to ION COUPLING is maintained when Velocity of Propagation is less than MACH < 1. Electron to Electron Wave propagation is limited by the Universal Cosmic Thermal Background, RF Thermal Noise. The Thermal noise that Rubs on all existence. If Wave Mach ≈ >1 then L falls into Play, where L conducts a renormalizing wake, reharmonizing in the Electrons Lattice of Continua, in a stabilizing wake, when now once again, in a Velocity Domain were Wave Propagation is M >1 and L < G = the condition of resistance and dispersal found in the Hydrogen Lattice interfacial Electron coupling tensor present resistance to wave propagation that guys with Cell Phones call C. This imaginary Speed Limit is the resultant of the "Hydrogen to Electron" Bond Lattice's Distributive distance of the Hydrogen ION spacing. Once the Hydrogen Ion's Kinetic Coupling is 'Lubed Up" and in Laminar Flow, on the Fuselage of your Electric Propulsive Spacecraft, the Electric Field Eikonally screeches Coupling Gradient outward in it's path removing hydrogen to Electron Distributive spacing, then Electron to Electron resitance of wave coupling, (a 2DOF Field.) en.wikipedia.org/wiki/Speed_…

Speed of sound - Wikipedia

en.wikipedia.org

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @PennysThoughts2 @RealAlexJones @ashtonforbes
Mr. Pias's devices fail at commanding Ion-ion Kinetic Coupling. His devices are capable of generation semi-antigravity. They need modification to fully apply the intended technology. Patents have No Attitude Control or reference System. Propulsive methodology of Nuclear Force Transport missing. In a Patent application abstract, you put a concept not actual Theory of Operation because that changes per application.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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17 Dec 2024
Replying to @PennysThoughts2 @RealAlexJones @ashtonforbes
Not same application but same 'Category' of devices.

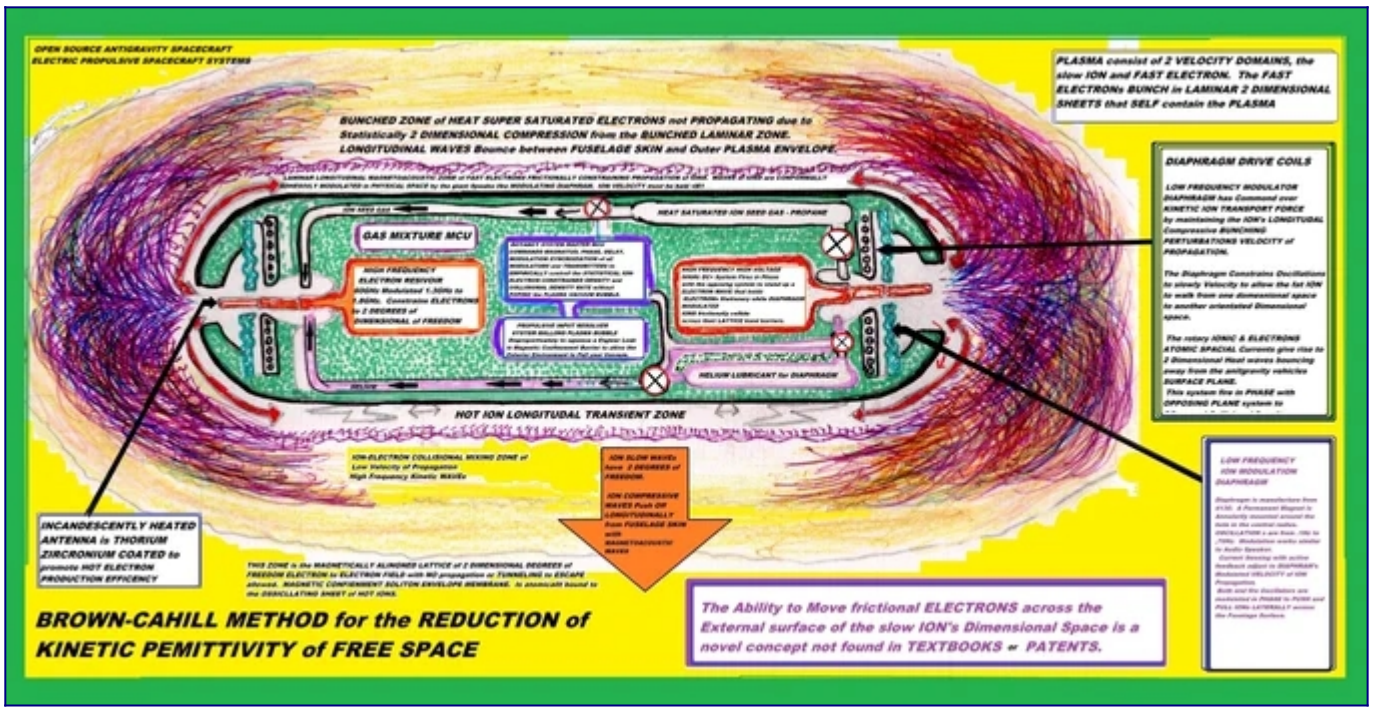
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @alwaysthoughtt1 @RealAlexJones
I'll write something on that National Helium Storage Program Vampire later next year.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

17 Dec 2024
Replying to @Jfl4203 @RealAlexJones
Multi-Fratbro-Compartmentalization. In a conference Phone Call, the DOE guy used the word, "DUDE". Need I say anymore ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @alwaysthoughtt1 @RealAlexJones
Combustion Cycle is Closed after Ignition Stand up. Has small controllable diffusive rate in Electron Sheets. You CFD Engineer every vehicle extensively for efficiency improvement to knock down Wattage to sustain Field in 'OPEN' condition. Fuel is used to Shock Open Plasma Vacuum Bubble, then fuel consumption rate drops to less than a car on idle to maintain "Pilot Light" stability in Field. Fuel = HYDROCARBON FUEL + SF6 + ION SEED Gas mixture + Helium Lubricant.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @xlPSRlx @Dickmcfadden69
Bμ++ρμ$$Ȣ doesn't count.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @RealAlexJones
I got an agreement to Publish a Chapter in McGraw Hill's Antennas Textbook in 1997. The DOD gave full OK for a chapter on "HEATED ANTENNAS (and Applications)". They are for Plasma Applications. After Printing started and 1st draft was completed, the DOE (department of Energy for those that have Smartphones) got a copy and Halted Publication. I'll put all the technical details on Twitter over the next year with references, textbook & monograph recommendations. My best design was Sintered Platinum Incandescently Heated Thorium/Uranium sputtering deposition and plasma Thermal Spray with Calcium Copper Titanate and Zirconium topcoat antenna. (coating stayed on long time. Periodic maintenance require re-spray of antenna every 500 hours of operation.) Antennas are heated with built in RF induction heater. This allows the antenna to be feed with inert gas diffusing through the sintered (≈50 to 80nm) surface. The Inductive RF heating of the antenna allows the antenna to function similar to a Filament Heater in a vacuum tube, getting lazy low Fermi(drunk) energy level Electrons off the bench, toward the Mote outside town. A critical bit of information can be to comprehend is the Ionization in Vacuum Tubes and how the geometrical arraignment of Screens and Wires present a area (FIELD) that has a 1.5 DOF (yea-loss) Gradient of Magnetic vector giving rise to Pumping Currents. The proposed Chapter was to cover Antennas in shape of Slab, Sphere, Rod, Cylindrical concave dish, convex dish or shapes with EXTERIOR SURFACES. (Keep that in mind for those who have smartphones and don't understand the Conceptual Self-Sustained Plasma Vacuum Bubble methodology. In the application of Antigravitational technology applications, Plasma's (Ionized GAS) have densities of EQUAL Heavy Solids (using Mercury + SF6 in Seef Gas Mixture) due to the near even Ion to Electron Boltzmann Distributional Flow in the Laminar Zone on the fuselage surface Binding the Electron cloud to a 1 DOF non propagating Bubble. The Plasma's most dense area is the super-hot outer electron sheets forming the outer Soliton Barrier of the plasma's bubble. Heated Antennas are 3 Media rated and I worked out the Differential Boundary layer conditions of dispersal along the Media corrected Velocity microeddys at the edges. I Ramble... Magic Sand.
en.wikipedia.org/wiki/Perovs…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @RealAlexJones
The Mathematics of Shock in Lattice Continua was kept from Academic Publication.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @Growing20227272
Purposeful Inward Curl by Social Engineers at the Throttle. Conceptual Methodology No comprehension advancement at university level educational research. Repeat every 20 years. Keeping ALL Blind with Non-Educational Media, Sports, drugs, Races, worthless Causes (saved the Beached Whale).
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Sorry for the spelling and grammar errors. I'm making your MIND earn it's KEEP.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
Replying to @AshtonForbes @ashtonforbes @TByrdIV @AaronTnTX1776

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Dec 2024
We live in a Ideocracy, see for yourself. In this "so called" science article, The Describe what is a WELL KNOWN since the 1920's. In the study of SOLID-STATE PHYSICS, you find 1 Degree of Freedom ElectroSTATIC Force Fields. Gravitation/Antigravitation, (Expansion/Contraction) (Heat/Cold) (High Pressure/Low Pressure) are the same forces, contextually. Each characteristic requires teaching from differing points of view, of same processes, such as Thermodynamics, Magneto Dynamics, Kinetic Gas Diffusion through Porus Media. The Push and Pull of Gravitation and Antigravitation is found at the spacecraft fuselage surface's skin to surrounding adiabatic

Media's Interfacial Nuclear Transport Tensor. This is where you find the Kinetic Coupling Window. In the Wake of the Wave, (The Reverse direction), is toward Vacuua. Vacuum follows a wave, vacuum being a Negative Pressure Gradient of the Media. Think of waving/flapping a big flat board. You feel the resistance in one direction, and you feel wind rushing around the board toward the point of Greatest Vacuua. Vacuua = Negative Pressure. When the Air is rushing, it has mass in one Direction only because that is common sense. Your arrogant mind must be killed off if you don't understand the Degrees of Freedoms in Nuclear Transport. These Tards Published this stupid study. They need about 8 more years of Grad School for repeating 1920s experiments. (That is very common among Big Name university. Repeat the Exact Study for PhD.)
msn.com/en-us/news/technolog…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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17 Dec 2024
Replying to @Dragonmaurizio
You can bet the ones on the West Coast have teams of guys awaiting to Shovel Cash into the UAP furnace-like Cash-Combustion Engine.

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17 Dec 2024
Replying to @ChiefDinger @UFOSightings4U
Gravity Research has a contest every year. gravityresearchfoundation.or…

Gravity Research Foundation

Competition: the trustees of the Gravity Research Foundation are offering five awards for short essays for stimulating thought and encouraging work on the phenomenon of gravitation.

gravityresearchfoundation.org
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17 Dec 2024
Replying to @Kaju_Nut
Rick Sanchez wrote the book on Hyperdimensional Travel.
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17 Dec 2024
Back in 2005 a Load of Hot Uranium Hexafluoride mixed with Hot Fresh Radio Iron was intercepted by the US Border Patrol, packed in a lead lined small "Ark of the covenant style" carry box. (Handels sticking out end.) Arizona Board, in news for 1 week. 5 US Border Patrol agents caught 2 High-Profile Middle East Terrorist with about 25lbs of radioactive Powder for a dirty bomb. Because the Border Patrol Officers didn't know what they had, they opened the box and looked in. One individual leaned over and looked in with a flashlight, rendering him only 5 more months of life. Over the following 10 years, 3 more BP agents died from radiation exposure. The One BP agent who is still living looked from a distance because he was holding the 2 guys on the ground. I helped those individuals with Work Comp Claims after the FBI covered it up and wouldn't allow them to file reports. Their supervisors bent over. The Radioactive material was likely for

some Ceramic Electrets Experiment and was black-market sold out of Ukraine around 2003. The FBI probably took it to Chicago to keep for use as a Dirty Bomb someday.

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OU to Pay Players more than professors. If you like Sports, You're still Blind, no matter what your Narcissistic mind believes. When you find sports disgusting, your home. Hey OU Calculate this ! 🦆 - D + F = U

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024
Replying to @Dragonmaurizio
SF6 is utilized in DOD/DOE Antigravity vehicle Ion Mixed Seed Gas for establishing the Plasma Vacuum Bubble.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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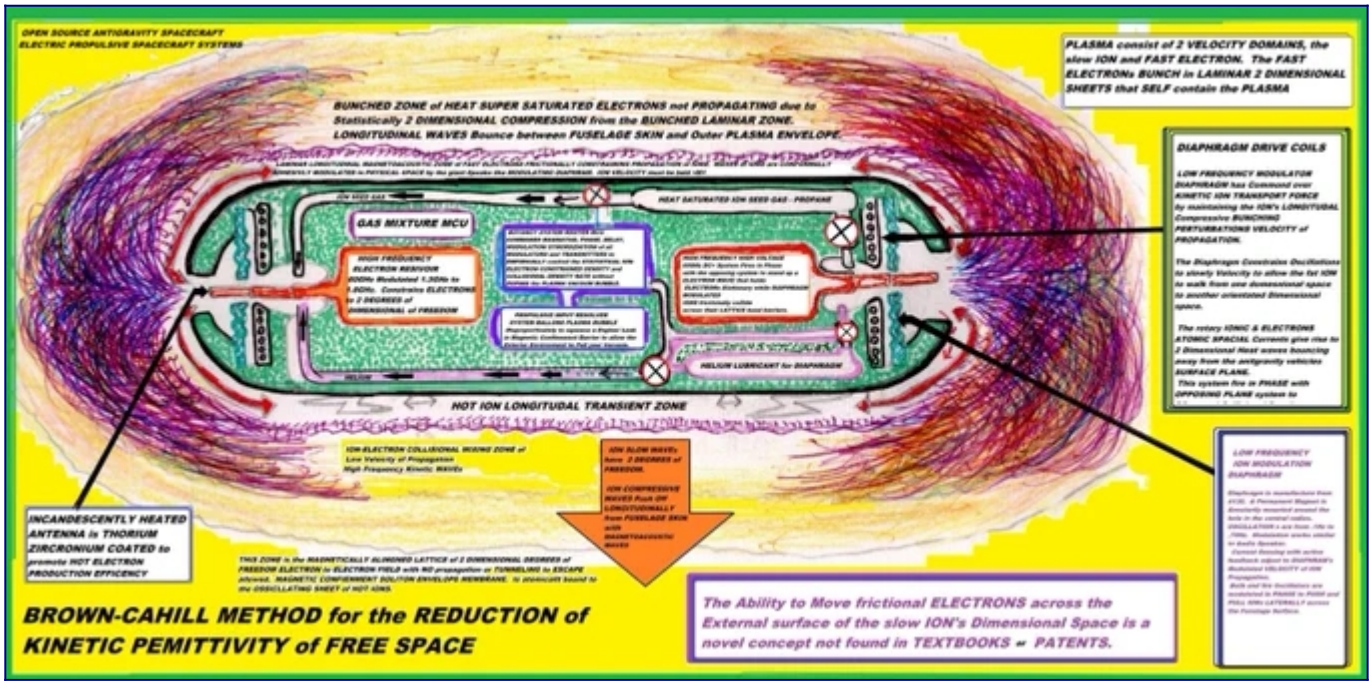
16 Dec 2024
Replying to @Jfl4203
On that design, please study and attain a FAA A&P license for a good educational route into Aviation engineering. Any serious Aerospace Engineer will have a A&P under their belt.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Dec 2024
Replying to @Jfl4203
Study Laminar Flow in teaching Model. You must have knowledge to Command IONIC NUCLEAR TRANSPORT. A cloud of electricity does not establish a 1 DOF Force against thermal propagation. Early models used SF6, Mercury.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024
Replying to @Jfl4203
You must have at least 10kg of High-Grade Cocaine to buy an Endorsement from Lockheed Martin. Cessna's endorsement cost a can of Silver Spray Paint and a Paper Sack.

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16 Dec 2024
If you're working covert research and prototype projects with a Military Industrial Cocaine and Prostitution Complex involvement, when the programs over , if you are military personnel, You leave and go to another base or to home base. If your Lockheed and Raytheon and have about 30 Engineers involved. Their Employer gives them all cancer for a retirement gift.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024
Replying to @UFOSightings4U
Note the color and Flame-like fluidity. This is very similar to the characteristics of the models I engineered that utilized my Heated antenna, Servi pistons and Diaphragm Ion Modulator. If it is a real DOD/DOE antigravity vehicle it is manned and in, "BLIMP MODE" which limit Plasma Transport from Loacality. I Only engineered the Long Cylindrical Multi media models and Co-Engineered 1 Manned Sphere similar to the one I saw before I went into the programs. I started a engineering program to CFD a Big Pinto Bean looking model but left to do research in the open for a whole vehicle CFD package. The DOD, DOE or Military Industrial Cocaine and Prostitution Complex do not have a WHOLE VEHICLE CFD PROGRAM. So, they still build antiques antigravity vehicles. Although it looks like a Laser Light Show that will conclude with a Lockheed Commercial for Trump to see.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024
Replying to @ChiefDinger
Study the Pumpy Ion Thing and Cryocoolers that Pound the $#!+ out of Air. Pounding Air is a Zero Point thing.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Dec 2024
Replying to @xjoepec

Behind the scenes, we are about 400 years ahead of the average PhDs understanding due to what passes as a Educated PhD these days. At the University of Oklahoma, they always change failing grades to passing on "SELECTED STUDENTS". PhD are worthless, I have one, but the University will be paying student athletes up to $94,000 a year, while starting MS & PhD adjuncts only get $48,000. nbcnews.com/id/wbna4951979

Some federal workers have fake degrees

Congressional investigators have found that at least 28 senior-level federal employees in eight agencies have bogus college degrees, including three managers at the office that oversees nuclear...

nbcnews.com

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16 Dec 2024

Disclosure Hearings in Congress + UAP Light Show Worldwide + US Government, FBI, State and Local Officials giving an Impossible answer of "We Don't Know but you must be very afraid of whatever these are. = "FEAR FRAME" PsyOp.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Dec 2024

Replying to @xjoepec

PsyOp Applications expert. Framing You Fear.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024

Replying to @space_stations @elonmusk

Boeing snuck a Saboteur into the Soyuz assembly line who installed a parallel microcontroller in the late hours. It could fool the self-test. Fortunately, they had a Quality guy who had worked avionics and figure it out days before the rocket was moved.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2024

Replying to @elonmusk

SpaceX employee read this please; This video disturbs me. SpaceX fails at Industry standard Aerospace standard Maintenance Hygiene Practices for Interior vehicle spaces. Evey individual in that cavity should be in GORTEX or Tyvek Suit. The visuals of the lack of SpaceX's cleanliness in Maintenace hygiene is scary. Elon needs a good ground Safety Team or FOD and unintended Sabotage will occur. I am so disappointed in seeing FOD hang off everyone and NO GORTEX WORK PADS!!! The Got the PPE for themselves, but Maintenace Hygene standard come back to haunt you. I f SpaceX was build one of my design antigravity spacecrafts I would call "WORK HALT" on all Operations. Safety Meeting Team wide, All Day Clean after meeting for Team building Oh Yea, SpaceX rockets are not FAA rated "BABY SAFE".

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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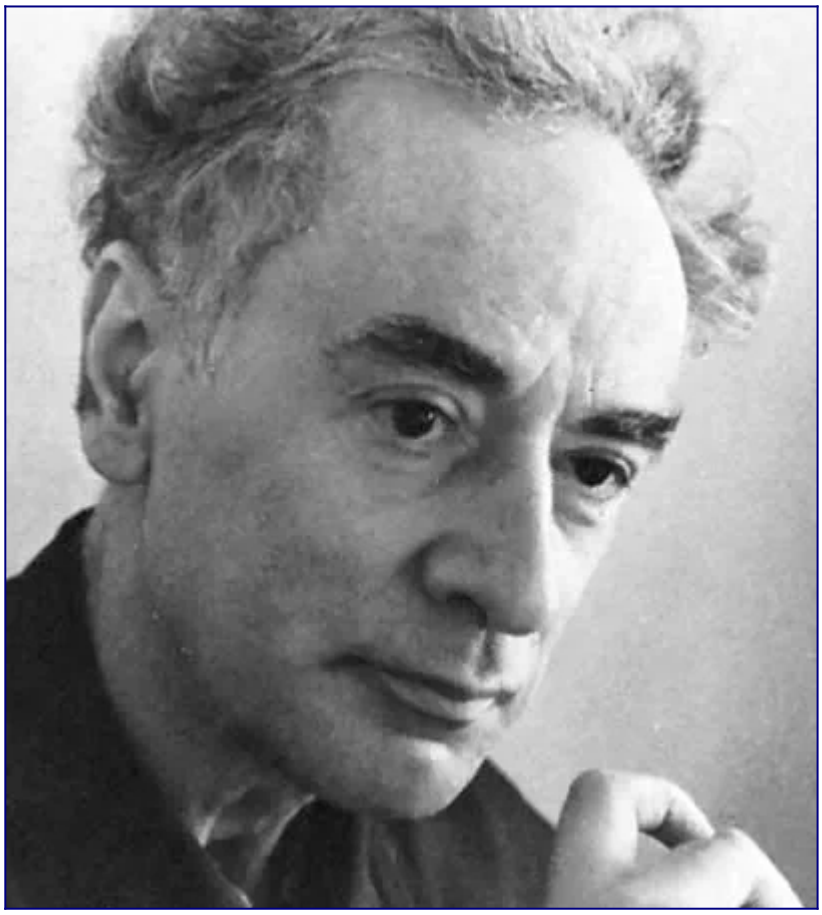
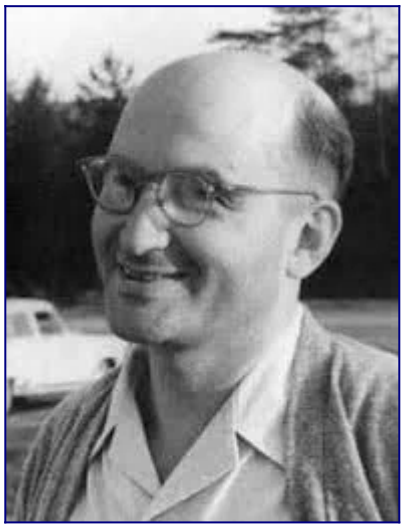
16 Dec 2024

Replying to @elonmusk
Why are they not wearing a Tyvek Suit. Even Short Brothers used Whiteroom conditions to assemble their lightweight bonded panel planes. OMG, They have FOD hanging off them !!! SpaceX will have an accident if they don't police their Maintenace Force. This hurts to see such lack of maintenance safety practices.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @ChiefDinger @jkphilly_fan
You must Physically Grab the IONS by the Balls for Real World Antigravity.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @ChiefDinger @jkphilly_fan
Must look at Transport in Matrices format for years for FULL comprehension. Up to 3x3x3 or 27 Degrees of 6 sides(pos-neg) of 3 Axial forces of nature.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @MattBro40859075
Rub a Dub Dub, Three Men in a Tub. Why don't they bathe separately ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @ChiefDinger @jkphilly_fan
I may come off as arrogant myself, I apologize sincerely, My personality will not convey in a textual manner. My continuous Sarcastic Reponses will convey as arrogant. This comes from being around lots of Russian Mathematician years ago on the OPEN SKIES and Threat Reduction Program. Most PhDs in the Russian Nuclear Service programs are dirt poor but did their jobs out of duty to their country. Because they are humble men, they were entitled by God to continuously Poke Fun at reality in any way possible. Alexander Solzhenitsyn was such a man. He was considered arrogant due to his constant sarcasm. Mr. Solzhenitsyn was imprisoned by the Communist (= Socialist=Democrat.) for making a Joke. Communist love censorship and ban Humor because it makes all their Bull$#!+ look stupid. In a Republic, Laws apply to all. In a Democracy laws only apply the Plebes. Democracies are Class Systems with CASTE. Think of how the arrogant left, are really arrogant and not sarcastic. Solzhenitsyn plotted revenge, Alexander made friends in years of prison, then put their stories of enslavement into secret writings. At the time of Solzhenitsyn imprisonment, There was a Magnitude Greater of dissent coming from the Russian mathematics and Physics Societies that formed up in small towns as social clubs. In the remote small towns of Russia you find poverty everywhere, pulling at your heart. Among the Rubble you will always find a Golden Gem of a Advanced Mathematician that stomps all Stamford into dust. The humble souls may not have much but they have a Beautiful Mind. Two Academic heretics during Solzhenitsyn time, were ALSO imprisoned by the Democratic Party for their J6 offensives. (the Communist burned evidence of their innocence) Lev Landau and Evgeny Lifshitz came off as Arrogant and Verbally Sarcastically Biting at every inquisition the J6 Prosecutors presented at the staged trial. Lev and Evgeny were imprisoned for a Joke, for years, in the Gulag.

Lev and Evgeny were subject to Hillary Clinton's Communist Re-Education program where inhuman torture will make you an obedient COMRAD. Lev sarcastic personality made ALL whom met him, love right off the bat. This is what I've learned. This spirit of Sarcasm is a SPIRIT of EDUCAATION in it's natural state of Equilibrium of though, with in the mind. Oh Yea, Lev was months away from a Gravitational Equilibrium Textbook when an accident crippled him and caused millions pf Russians to Pray for his return from deaths grip. After Lev and Evgeny got out of Jail, they finished a set of easy-to-follow Physics books, making them WORLD FAMIOUS.





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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15 Dec 2024

Replying to @ChiefDinger @jkphilly_fan

A Wave Transits a FIELD. Keep Semantics in mind for High Level Physics. Define by sentence. Define Transitive and Intransitive (Static/non-propagating) Wave/Fields in mind for visualization growth that occurs with high level physics study. Have understanding of Elasticity. In Magnetism think of Sponge and Liquid for relational visualization. (Porus Media mixing). This is same for E and K axis. One Media more slippery than the other more dense slower moving media. With Magnetic Field study, there are many Textual descriptions that give rise to Ire form "16-year-old PhD Physics' who challenge me when I say think of EMK in 'only' a Static or Transport condition, the middle really don't doesn't exist because everything is in motion, so in reality noting is Motionless, except the "IMAGINARY PART". So when I think H Field, I consider all 3 Nuclear Axi, and where is there magnitude. H Field rolls around E Field Axial current direction.
mathworld.wolfram.com/Imagin…

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15 Dec 2024

Replying to @REALspark_gap

This is Twitter, I don't have too. because you carry a Smartphone, that indicates LACK of Mental Storage Capacity.

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15 Dec 2024

This was in the News in 2012, MI6 had 2 Cargo Ships floating off Ascension Island. The US Military receive a massive shipment of Nerve Gas from Syria. The Majority of the shipment was given to UK MOD. UK MOD transported most of the Never agents to Ascension Island for storage on the shipping containers. Over the previous 15 years, the ships were loaded with USSR nerve Gas shells and other deadly Gases from Threat retrieval missions. This is where all the Libyan and Syrian Chemical weapons went to. Somebody at MI6, purposefully leaked documents and emails; MI6 documents said, they were saving it for the US.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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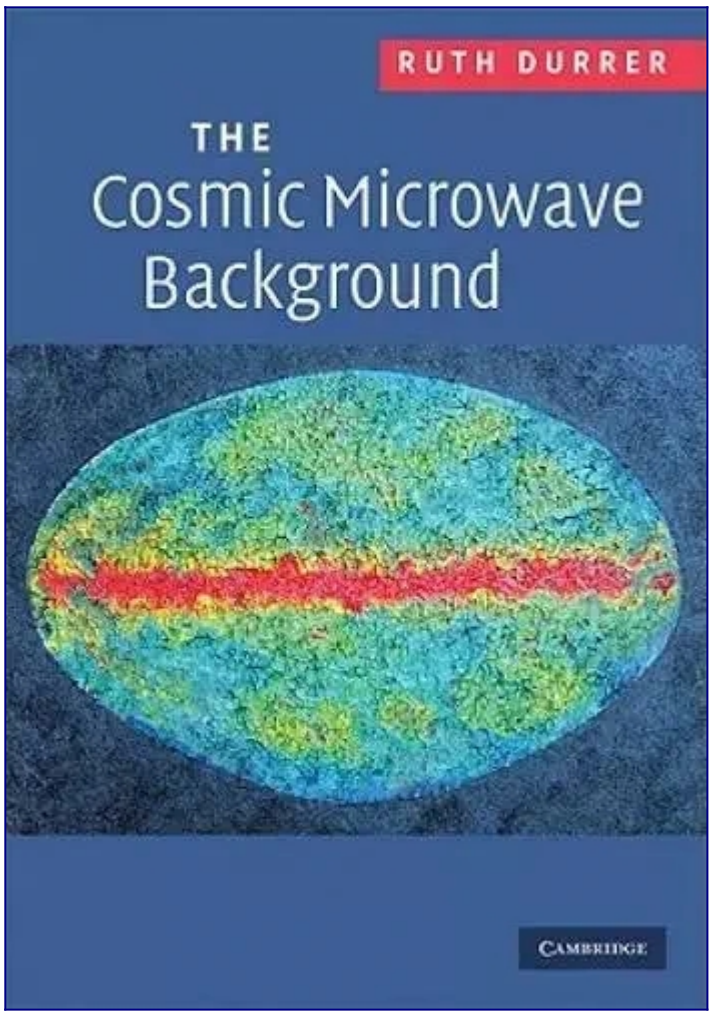
15 Dec 2024

Replying to @jkphilly_fan

The Universe is always moving, nothing, nowhere, is not moving. This gives rise to the characteristic of "Never Finding Absolute Zero anywhere in the Natural Linear Universe". There is always NUCLEAR Thermal Distributive Currents running everywhere in all directions even in ISOLATED THRMOSTATIC Domains. So, if you want to define beat frequency, define along lines of Thermostatic Distributive functions because when the Electronic, Magnetic & Kinetic Axial Nuclear Transport Velocity is below the Media Density's corrected Speed of Sound M<1, wave propagation is Linear, and dispersal follow linear rules. The EMK transport tensors are joined at the hip 90° to the Zero Axial Nuclear Lattice of Continua. The KINETIC AXI trades Contraction and Expansion for EM transport. This is Heat-Cold thermal migration. The Lattice is the strongest hardest Crystal throughout the Whole universe, but it is a Dimensionally Contracted Universal Lattice of Interfacial Tensor Lattice Transfers, where only 2 DOF Micronuclear scale Transport vector rules apply. Micronuclear scale is Linearly Coupled to our Diffuse Macronuclear scale. The Lattices of Continua can have Shock dispersal resulting in avalanche to the Macronuclear Diffuse scale. So, when you have Electroacoustic, Magnetoacoustic and Thermoacoustic(K) Waves traveling at the same velocity, without dispersal, the Univesal Lattice of Continua is the carrier of all Thermal NOISE. THERMAL NOISE = K ! When you hear nomenclature, Linear and Non-Linear in Wave Mechanics, think Non-Linear is Shock or energy that releases exponentially. A wave's forward side has a Positive Pressure, and the Aft side has a negative pressure, "the Wake". The Wake is a Negative Pressure (LANDAU) RENORMALIZATION following the PRESSURE wave. Between the Pressure side and Vacuua side of the wave is a Land of Equilibrium in Motionlessness. Keep in mind. Vacuum always, electrically, follows a pressure wave but you must grab it by the middle to command it.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @TheRealVerbz
Hydrogen is a Nuclear Scale "Tunneler" on scale Competing with the Electron. Hydrogen Embrittlement is "Tunneling" for those whom have Smartphones.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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15 Dec 2024
Replying to @squirrelgonenu1
How is your Boltzmann Distributive Statistics. Really, Don't Lie. Most Professors in that Field are Completely bind to comprehension of Continua. This is needed for me to define an answer to your knowledge pool.?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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15 Dec 2024
Read about the Hydrogen Lattice of Continua yourself. Hydrogen Diffuses through the walls of a Pressure/vacuum vessel due to small Nuclear Scale

15.4 **Osmotic Pressure** If a mixture of hydrogen and other gases is contained in a stainless steel tank, it will be found that the hydrogen passes easily through the walls of the tank while the other gases do not. Steel is said to act as a semipermeable membrane; permeable to hydrogen but not to the other gases.

If a mixture of sugar and water is separated from pure water by a membrane cut from a carrot wall, it will be found that the water diffuses through the carrot wall but the sugar does not. The carrot wall is a semipermeable membrane.

Let us consider a system that is separated into two parts by a semipermeable membrane. Let there be components "a" and "b" and let the membrane be permeable to "a" but not to "b." Let pure "a" be placed in one compartment and pure "b" in the other.

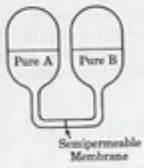

FIG. 15.4-1 Start of experiment

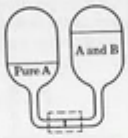

FIG. 15.4-2 End of experiment

It is easy to demonstrate that, after equilibrium is reached, the liquid will stand higher in the side containing "a" and "b" than in the side containing pure "a." Using the results of Chap. 12 for a binary system, we have

$$d\pi_a = -\frac{\beta}{\bar{N}}\bar{V}_a\,dP - \frac{\bar{H}_a}{\bar{N}}\,d\beta + \left(\frac{\partial \pi_a}{\partial \bar{X}_a}\right) d\bar{X}_a \qquad (15.4\text{-}1)$$

Since the materials on the two sides of the membrane can communicate, π_a and β must be the same on the two sides. Imagine that we start with a system containing only pure "a" on both sides of the semipermeable membrane. Let "b" be added to the right side and let the pressure on the right be adjusted to maintain equilibrium. If the left-side pressure is constant, and if the temperature is constant, $d\pi_a = 0$ and $d\beta = 0$. Therefore, since $d\bar{X}_a = -d\bar{X}_b$, applying Eq. (15.4-1) to the right side, we find

$$dP = \frac{RT}{\bar{V}_a}\left(\frac{\partial \pi_a}{\partial \bar{X}_b}\right)_\beta d\bar{X}_b \qquad (15.4\text{-}2)$$

If the variation in π_a with $\bar{X}_b$ has been determined (i.e., by freezing point, boiling point or vapor pressure measurements as discussed in Chap. 13), the variation in pressure with the addition of "b" may be computed.

15.4.1 *An Application: The Hassler Water Purifier* An ingenious method for utilizing the osmotic pressure has been proposed for brackish water demineralization by Gerald Hassler.[5] Figure 15.4.1-1 below shows the essentials of the method.

In Fig. 15.4.1-1, the brackish water is under pressure P_1. Porous ceramic disks serve to prevent the unrestricted flow of the liquids. The air space between the ceramic disks is kept at a pressure slightly above P_1 so that the brackish water does not pass the disk. The pure water is at pressure P_2 which is less than P_1. The air gap acts as a semipermeable membrane for the vapor, since the salt cannot pass. The disks serve to prevent the passage of air (because the surface tension forces effectively plug up the disks with fluid). P_1 must exceed P_2 because of the presence of the impurities. In many localities, the impurities, while unpleasant to the taste, are only present in small amounts. In such cases the water pressure at the household faucet should suffice for the distillation process. In the following paragraphs we shall calculate the required pressures to balance the system at equilibrium.[6]

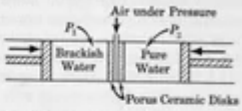

FIG. 15.4.1-1 Schematic representation of Hassler water demineralization scheme

At very dilute concentrations of impurities (small $\bar{X}_a$), the value of α for water is given by

$$\alpha_w - \alpha_w^\circ = \ln \bar{X}_w = \ln(1 - \bar{X}_a) \sim -\bar{X}_a \qquad (15.4.1\text{-}1)$$

or

$$d\pi_w = -d\bar{X}_a \qquad (15.4.1\text{-}2)$$

This change in π_w must be balanced by the pressure change [see Eq. (15.4-2)]:

$$dP = -\frac{RT}{\bar{V}_w}\,d\pi_w = \frac{RT}{\bar{V}_w}\,d\bar{X}_a \qquad (15.4.1\text{-}3)$$

or, for small $\bar{X}_a$

$$P - P^\circ = \frac{RT}{\bar{V}}\,\bar{X}_a \qquad (15.4.1\text{-}4)$$

Exercise: "Brackish water" contains about 0.1% by weight of impurities. Assuming that all the impurities are present as NaCl and *that the* NaCl *dissociates completely*, compute the osmotic pressure required to utilize Hassler's method. Do the same for sea water, treating it as equivalent to a 4% NaCl solution.

It should be evident that one could use the system of Fig. 15.4.1-1 to produce work. If the force acting on the left-hand piston is reduced below the equilibrium value, there will occur a diffusion of pure water from the right-hand side to the

[5] Hassler, G. L., "The Use of Molecular Oil Films in a Pressure Method for Obtaining Fresh Water from the Sea," *UCLA Engineering Rept.*, 137 G, Aug. 1950. See also: Hassler, G. L., and McCutchan, J. W., "Osmosis Through a Vapor Gap Supported by Capillarity," *American Chemical Society* (presented at April 1960 meeting in Cleveland). To be published.

[6] The operating characteristics depend upon the air gap and air pressure. The irreversible operation must be analyzed by the methods to be introduced in the next chapter.

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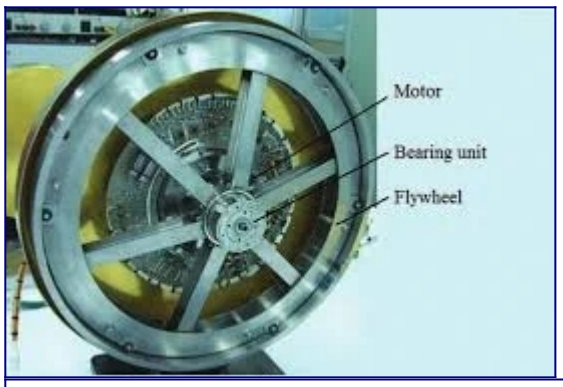
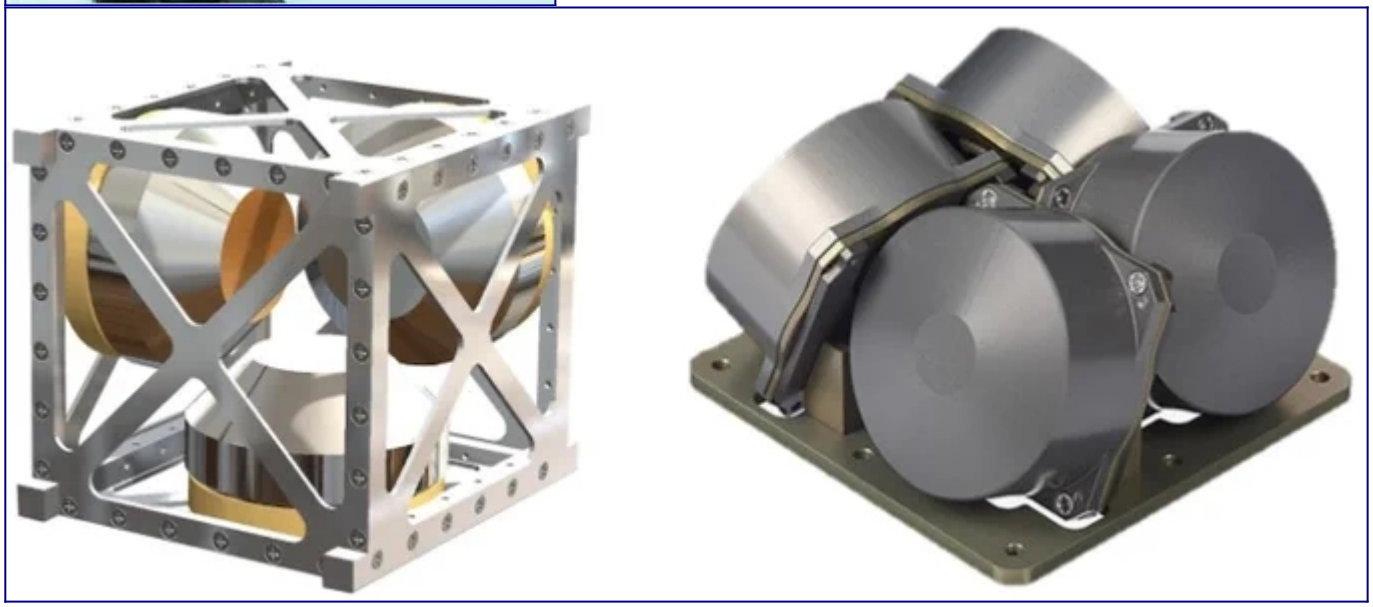
15 Dec 2024

Replying to @MonstOfSoc

1953 was the year US Antigravity Vehicle design applied Momentum Wheel Attitude Control Systems in a 3 axial rotatable CAGES around a central fly wheel. Each Axial Isolate Cage relates to Roll, Pitch and Yaw Axial Control. Prior to fight the system is caged, where each cage is INDEXED 90° to the next. Internal Planetary Gears with Counter rotating flywheels are the best design. (you're a stupid engineer if you even consider combining the Attitude Command and Control System with a Rotary Battery Bullcr@p combo fake and gay design. keep that system separate "new Guy"!!!) This system provides ATTITUDE COMMAND and CONTROL as found in conventional Satellite Reaction /Momentum /Inertial control systems. Brush blocks and Screw drive motors on each cage must be 8000 rpm rated for Redundant Attitude Command torque input in the event you want to drift in space and an incredible rate of spin is introduced by a Collison. You can damp at a 4000-rpm rate. The Attitude Command and Control System gives a vehicle the ability to absorb a great collision and maintain the same attitude and orientation. No Fake and Gay Ion Thruster needed, ROCKET MAN!





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Dec 2024
Replying to @flir67man
Atmosphere is pushed off vehicles by Standing Shockwave.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @radiofreemartin @JodyPeveto @darkjournalist
They use vertical hangers.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
These camera will instantly detect a real Antigravity vehicle in the UV optical band. Corona Cameras are used for EMF Leak Detection via th UV spectrum. Aperture takes a slow UV to VIS scan, repeats, sample to build the information file to define the Pixilation in the Image.
sonelusa.com/products/uv-260…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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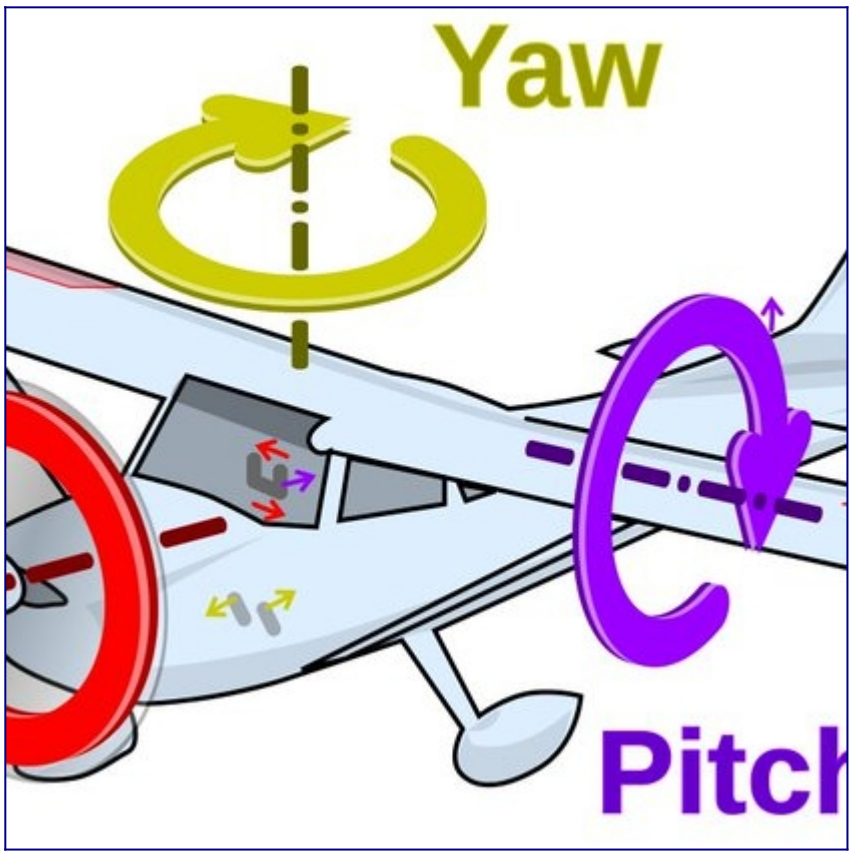
14 Dec 2024
Replying to @AtlanticThoth @Brad_The_Hunk
Gantry crane?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @Brad_The_Hunk @AtlanticThoth
You Construct Aerospace Vehicles in Hangers, inside large Fixtures. And in Large construction , the hanger houses a Large Gantry CNC machine.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @AtlanticThoth
Planet to Planet rated Antigravity vehicles must be built like tanks. I love thick Chrome moly as 1st choice in Antigravity Fuselage material, Inconel 2nd, Hastelloy X 3rd. Vehicles must have multi-Hull design in which the Outer cavity must use 650° F Rated construction and materials. The outer hot gas cavity is a Thermostatic storage Barrier and works in a thermodynamically integrated passive System, with the exterior fuselage skin surface, to serve the same function of a Filament Heater in a Vacuum tube. On the Exterior Fuselage Skin a controllable conductive Dielectrically modulated coating applied by Plasma Spray of Perovskite Sand in a thermal coating system developed in the 1950's. This system works together to make the Oscillating Plasma Super-super-super slippery along the long shaft RIGID BODY antigravity vehicle.
en.wikipedia.org/wiki/Rigid_…



Rigid body - Wikipedia

en.wikipedia.org

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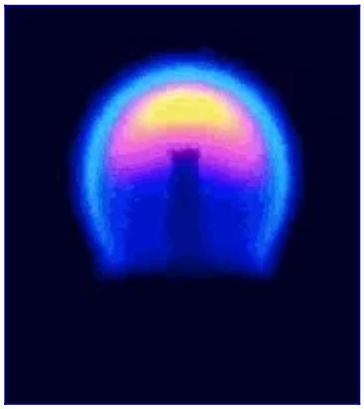
14 Dec 2024
Nose Be Like ...



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @Michael_Yon
Club K youtu.be/watch?time_conti…

Russian Container Missile Complex CLUB-K

Universal missile system, designed to become the main striking power of the Russian fleetThis new missile system is run from the universal vertical launcher,...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @GenFlynn
Drones of the Long Knives. Earnst Rohm lead a large, Leftist Socialist Homosexual "academic" Group of Brown Shirts (aka FBI's CoIntel Patriot Front) in initial operations to kill local police, national police and other municipal workers. (like they did in Ukraine Fake Operation Gladio Maiden.) Then, They killed off the SA, a "Gay Orgy sub-Club going Brown Shirts" in an Event called, "Night of the Long Knives."
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14 Dec 2024
Replying to @maniaUFO
Surveillance Model .
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @Michael_Yon

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @Michael_Yon

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024

All Mass is Null (corpuscularly weightless), when in the interior of a High-Density Plasma, All Mass is in equilibrium with in the Field. You are weightless in the vehicle when the Plasma field is Dense and stable. You are Thermostatically Isolate and therefore Inertially Isolate with in the Field.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @alwaysthoughtt1 @RonyVernet
and Luigi; who wore $1500 sneakers in New York City without getting killed. that right there says something's fishy.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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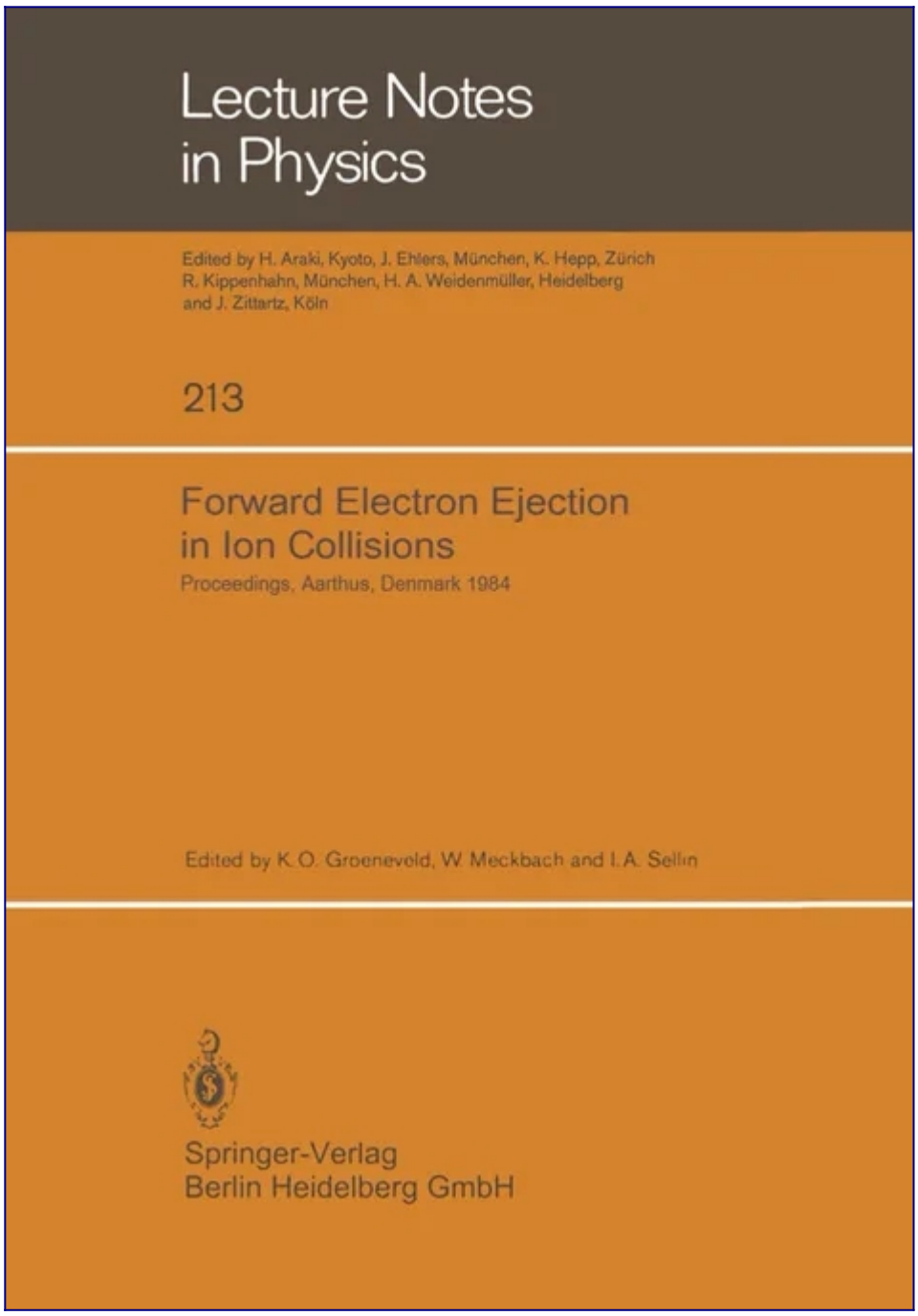
14 Dec 2024
This book taught me how to control Fractionalization in the Physical methodology. I'm currently re-writing my old 1994 AFRL Antigravity Methodologies and Application Textbook. I got classified for no reason. Why Classify a document that has 300+ pages of Dimensional Transport Matrices? Almost nobody would read the whole thing anyway. I'll publish to Textbook late next year in 3 Volumes + 3 Volumes of boring Force Transport matrices. Vol 1 will be Theory of Operational Methodologies and Applications of Motionlessness Transport.



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The Pumping is at low frequency to keep collisional Fractionalization down. M<1 is a wave perturbation rule for Plasma Magnetoacoustic stability.

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14 Dec 2024

Replying to @ChiefDinger

Practice with a kitplane like Glassair2. Minimum Man size, I would engineer is a King Air 350 size vehicle, up to 12. You must thoroughly CFD the vehicle's aerodynamics for Acoustical analysis before the first rivet is installed. The CFD is to Calibrate Fuel flow on ignition of the opposing

Plasma Vacuum Bubble and model the Kinetic Standup Density. You have to Shock the Plasma Bubble Open at the start of the ignition sequence. Drone version requires Cine-Theodolite.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @TimothyAlberino
I go number 2.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
DOD/DOE antigravity vehicle utilize Servopistons and large diaphragm modulator to frictionally Ions across Fixed in Locality, Electrons, to generate Ambipolar Diffusive Electron Fractionalized Transport Vectors. "Physically Pumping the Ion into a collisional event, then back out, then back in, then back out, then back in, then back out...." DOD/DOE antigravity vehicle utilize static Acoustical modulated Combustion Chamber, conformally with in the vehicle. The Seed Gas doesn't care if there is oxygen or not, Ions are all whores and will ride with any move trucker.
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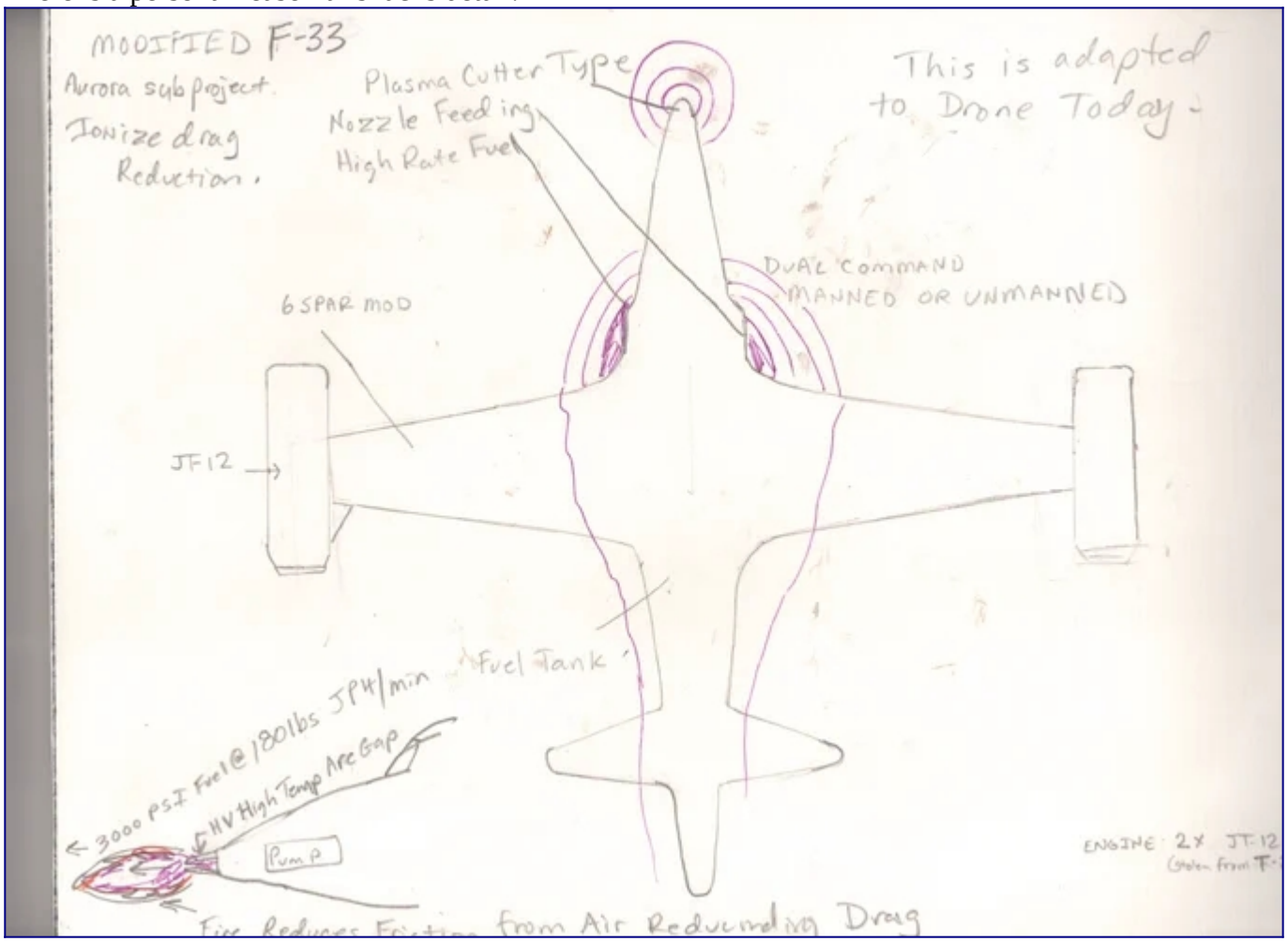
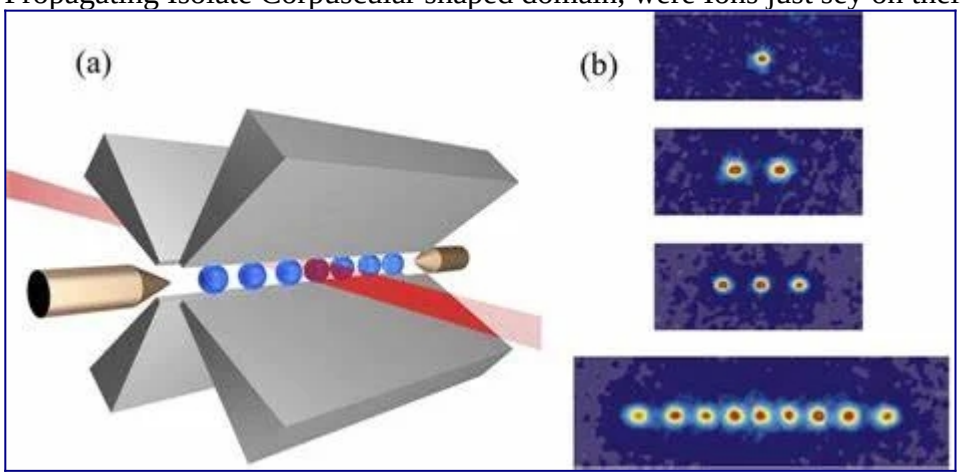
14 Dec 2024
There is a personal reason this lacks detail.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
14 Dec 2024
Replying to @AshtonForbes @ashtonforbes
Over focus.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @ChiefDinger
1st Gen Acoustical Aircraft tracker. you can bet there is a bunch of finger style micrometer adjustments in the collector and base to line up all the Horms for "Sighting In". They had lots of electronic versions of Acoustic Aircraft detection systems all over England during WW2
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Wolfgang Paul's Ion Trap uses 2D Degree of Freedom Force Fields in a ElectroSTATIC Field, found at the Micro-Nuclear scale level. Using a double conduction rod of 2 sets of opposing rods in a closely spaced arraignment will EIKONALLY stretch the Electron-to-Electron Bond's statistical distributive dimensional spacing. Th Rod arraignment pulls the Electron and Magnetic Axial angular momentum, stretches, taking the Nuclear Kinetic (thermal transport) Axis into a static Non-Propagating Isolate Corpuscular shaped domain, were Ions just sey on their @$$.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @ROCKCRAWLN @Kobe_for_3 @raefosnet
That is what Cocaine does to your hair.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @HayeRandy @Kobe_for_3 @RAEFOSnet
There will be both levels of technology for thei PsyOp that will probably grow as we get toward christman. It will Probably end with Close Flyby of a DOD/DOE Antigravity vehicles. If the vehicle has 2 Hot glowing rods in a opposing placement, it is one of the vehicles I engineered with Incandescent antennas.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Click REPLIES tab to find all Postings.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024

Replying to @_R2yan @RonyVernet
Consider the Conceptual Information found nowhere else requires a slight obfuscation of material. Plaese forgive.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Wolfgang Paul - Father of the Quadrupole Ion Trap, catches and hold Ions in mid air.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @_R2yan @RonyVernet
I leave Errors on purpose. Signals intelligence en.wikipedia.org/wiki/Signal…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024

Replying to @Alien_Scientist
Airplane crash.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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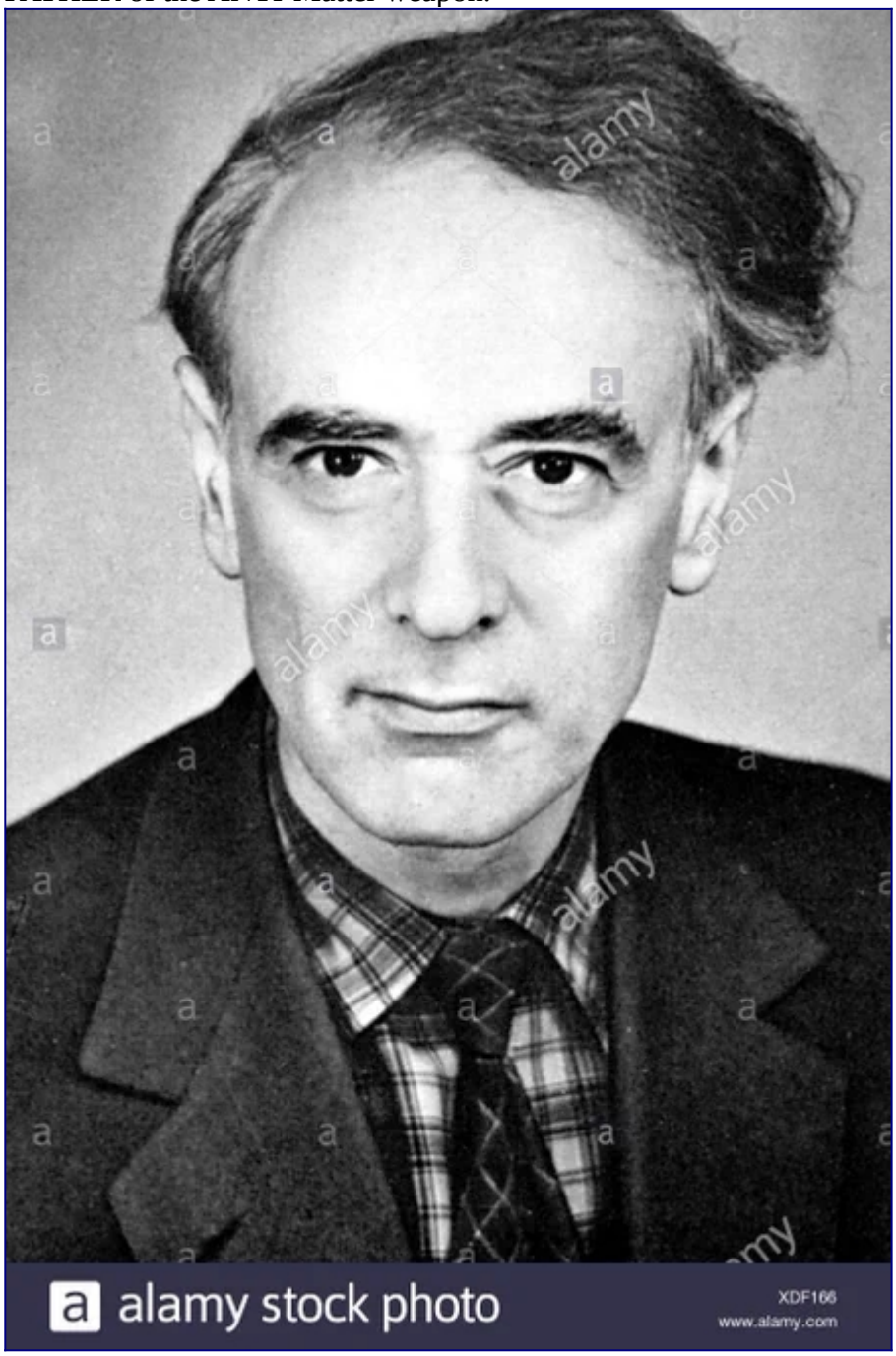
14 Dec 2024
Replying to @TMBSPACESHIPS @James7312511388
Lev Landau's Nuclear renormalization or NUCLEAR DAMPING Functions make him the FATHER of the ANTI-Matter weapon.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @James7312511388
I worked at AFRL, off and On in my Command starting in 92. I submitted a Research Paper while at AFRL for Internal teaching on theoretical nuclear weapons, from material I found in regular Nuclear Transport Textbooks. (there was no Theory Papers when I arrived) It was teaching

Material, I put lots of Hand drawn color pencil pictures in that paper. One day my Boss came up to me, all happy and said, the Uppity Ups at that Big Pentagram want more Papers like that. I wrote 2 more Papers, but for some reason, they became classified without my approval. Everything is in the textbooks, but we live in a world of idiot Narcissists, that are far far smarter than me. I have posted lots of Anti-Matter Weaponry Theory of Operation in prior post. They are very large nuclear weapons, whose initial Nuclear Blast is contained within a another nuclear slow-burn nuclear detonation, acting as the outshell case, where the Outer Nuclear envelope has a slower thicker denser nuclear burn rate acting like an extra thick case on a Pipe Bomb. So, In a Anti-matter Nuclear weapon, the Outer Nuclear Detonation Wave's Bubble, acts as a thick metal case relativistic ally, (just for millisecond for all Electrons to Unbond and go into transport) because the Inner faster Nuclear detonation, Must Push through the slower thicker denser Outer Expanding Nuclear detonation, which is also Super Compressing the Inward, the interior detonation further raising Electron Temperature to the Fractionalization of Locality of All Electrons. The Detonation wave's Aft Relaxation\renormalization Wave (which now consist of Fractional Electrons), drags all electron fractional back into the Electrons' 2D Lattice of Continua, leaving an absence of Matter and Heat in the Locality of detonation. So, the residue from detonation is ultra cold and part of the earth is gone forever in an Anti-Matter weapon. Anti-matter is best described as the Aft side of a Forward moving Wave. It the Nuclear Landau Damping retardant force of the aft side of the Pressure wave, where only Electro-electron Vacuum Exist (Contracting Nuclear Force). So I say, Antimatter is the Aft side of a Forward Moving Pressure wave. A pressure wave has high pressure on forward side and neagative pressure on the aft side.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @RuthStan68 @DAVID19Vincent
US Spaced Based Lasers for Igniting Ground operate in th 2,300nm to 900nm Optical range. These will not be visible to the Naked Eye. Nd:YAG 532nm Green Lasers are utilized for Laser Range finding through cloud deck. The Cloud Deck is semi-transparent . Green Lasers are detectable at tiny signal levels. Green Lasers can count Adiabatic Aerosolized Particles from Orbit.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
To Solve for Distance in a quick and simple manner, You may Solve for Volume of Sphere. Where on Boundary of the sphere is r1 and the side of the sphere is r2. You solve for volume, giving curvature of the "Far Point".
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @Keetb999k
In Geometry, You must be 2.5 times the distance from the Sphere to see the Curvature in a sphere, other wise you see the Horizon with no curvature. So, you must be at least 25,000 miles up to see the Curve.
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14 Dec 2024
2 Degrees of Freedom represents forward and backward or 2-Dimensional movement, this correctly define conditions in Lattices and utilized Area r2 function to define transits. 1 Degree of Freedom represents continuous movement along a single axis, without reversal.
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14 Dec 2024
Zero Velocity Potential.

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14 Dec 2024
In Advanced Radar Tomographic Imagining you go into 9D Reflective Dispersals that result in a breakdown to the 26th order reflection to find the 1 DOF final dispersal. The 27th Reflective Wave Order has 0 DOF.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @matttttt187
5 minuets till 8pm.
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14 Dec 2024
Replying to @KristyTallman
Gasoline Motors! = Long duration probably 2 hours.
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14 Dec 2024
There should be no i in Paul.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @skain85
It's about as 'Carl Jung' as Ernest Mach !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @skain85
It's about as Carl Jung as this picture of Wolfgang Pauli.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @RonyVernet
The state of NJ will not have the capability to Properly Analyse the RF Spectrum and make a proper analysis of the Radio Frequency Signatures. With the Proper equipment you can pick up the EMF Motor Frequency for 2.5 miles with almost no equipment. ELINT requires some old grey haired boring bastard (probably a chain smoker) with a PhD in EE and about $35 million in equipment to do a proper military RF Spectrum threat analysis. The RC-135 ELINT aircraft can sense the Drones PWM Inverter used in High Power Drone motors. They sense the RF noise more the 20 miles away, and find it's noise location. You need at least 6 of these type Spectrum Analyzers and the knowledge how to catch a real-world line of sight and reflection at frequencies of >40Ghz. You also need a costly Environment controlled Precision Lab Bridge for live calibration. Just check out the Price of a Good Precision Picoammeter. N9041B-5CX (Price One)

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @Kaju_Nut
It is possible to Eikonally Streech 2 electron apart and Fix them Permanently in Dimensional Space.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @WATDOOL
Mount one on the Wall !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @Mukshud @mukshud
I was taught back in the 1960's High level life form Osmotically Pump water in and out of their cellular membranes. The next lower life form that can reproduce, but cannot Osmotically pump water, is the Ulcerating Prion. it reproduces but has no cellular membrane.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @Unexplained2020
Bob Lazar also talks about the Convergence of Cocaine and Corvettes!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @DAVID19Vincent
I 1st hand witnessed, a standard ACTIVE AREA DENIAL System get calibrated by Burning a drone out of the air at 1.5 miles!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @ED84VG @digijordan @RedPandaKoala
It does not shoot anything. It is a DAZZLE technique, strobing LED light pattern, along a stream of floating drones.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @clamsat_bioptic @grok
Nice shape, Spherical is my second choice.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @LilithDatura
Everything in Mathematical Modeling brakes down to base Mechanics and Semantics.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @GoodTroubleShow @rosscoulthart @JacquiHeinrich @DepSecDef @RepNancyMace
Approved by Winston Smith !
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14 Dec 2024
Drone of the Long Knives ? thegatewaypundit.com/2024/12…

Former GOP Governor Larry Hogan Sounds the Alarm After Personally Witnessing Dozens of Drones Over...

Former GOP Governor Larry Hogan raises urgent concerns over national security after witnessing a swarm of drones near Washington, D.C. Discover the implications of his alarming experience.

thegatewaypundit.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024
Replying to @CongressmanKean
I thought, an Elected Official, like Tom, would not use "Simple PsyOp, Blow you Off Poli-Word Salad." How about a BALLSY STATEMENT like, Best Guest is, it is some type of DOD or Deep State Psyop, about to go active on US SOIL where CASH and EMERGENCY Powers will be screamed in congress as the Tyrannical Solution to the Drone Invasion.
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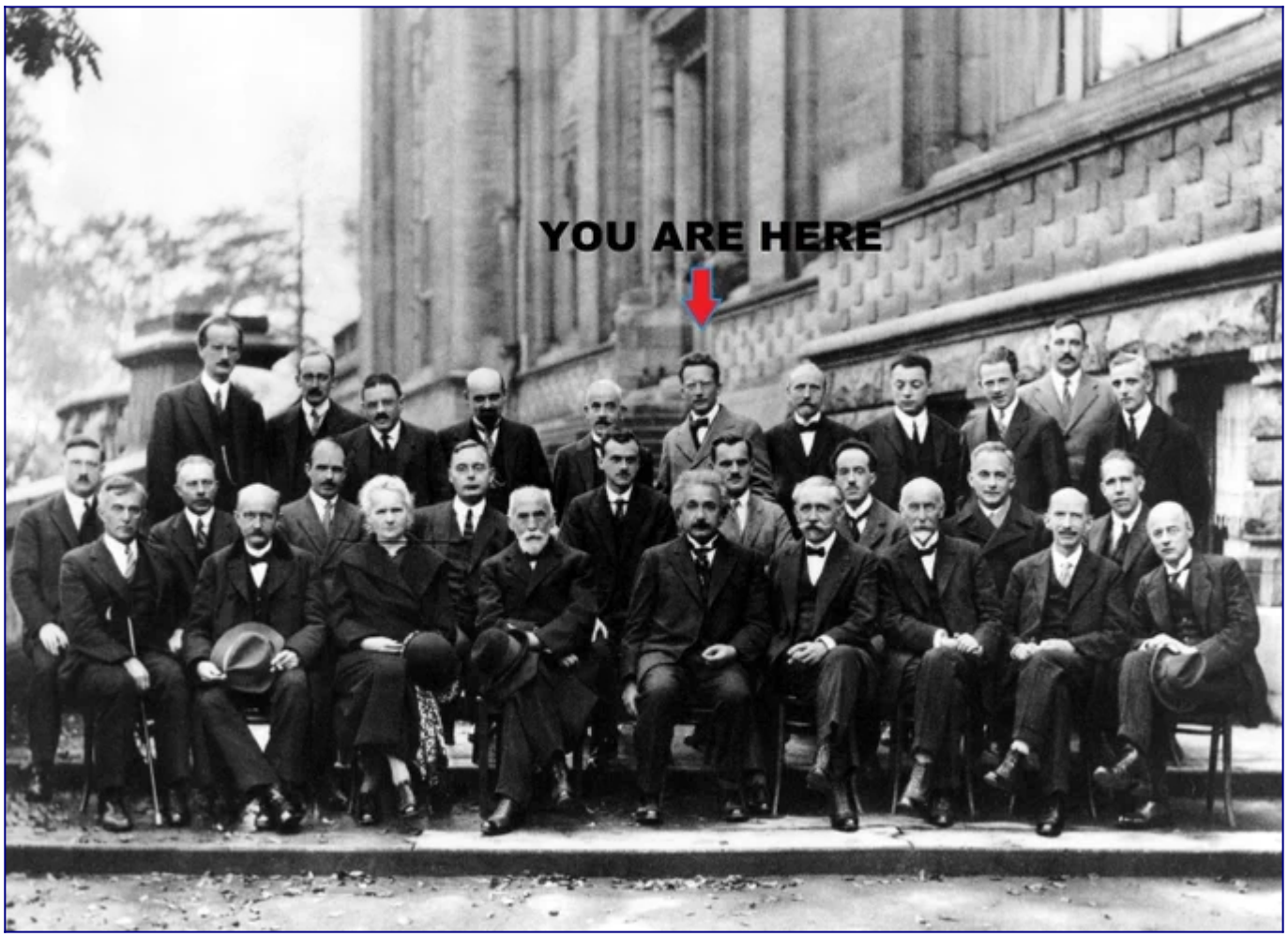
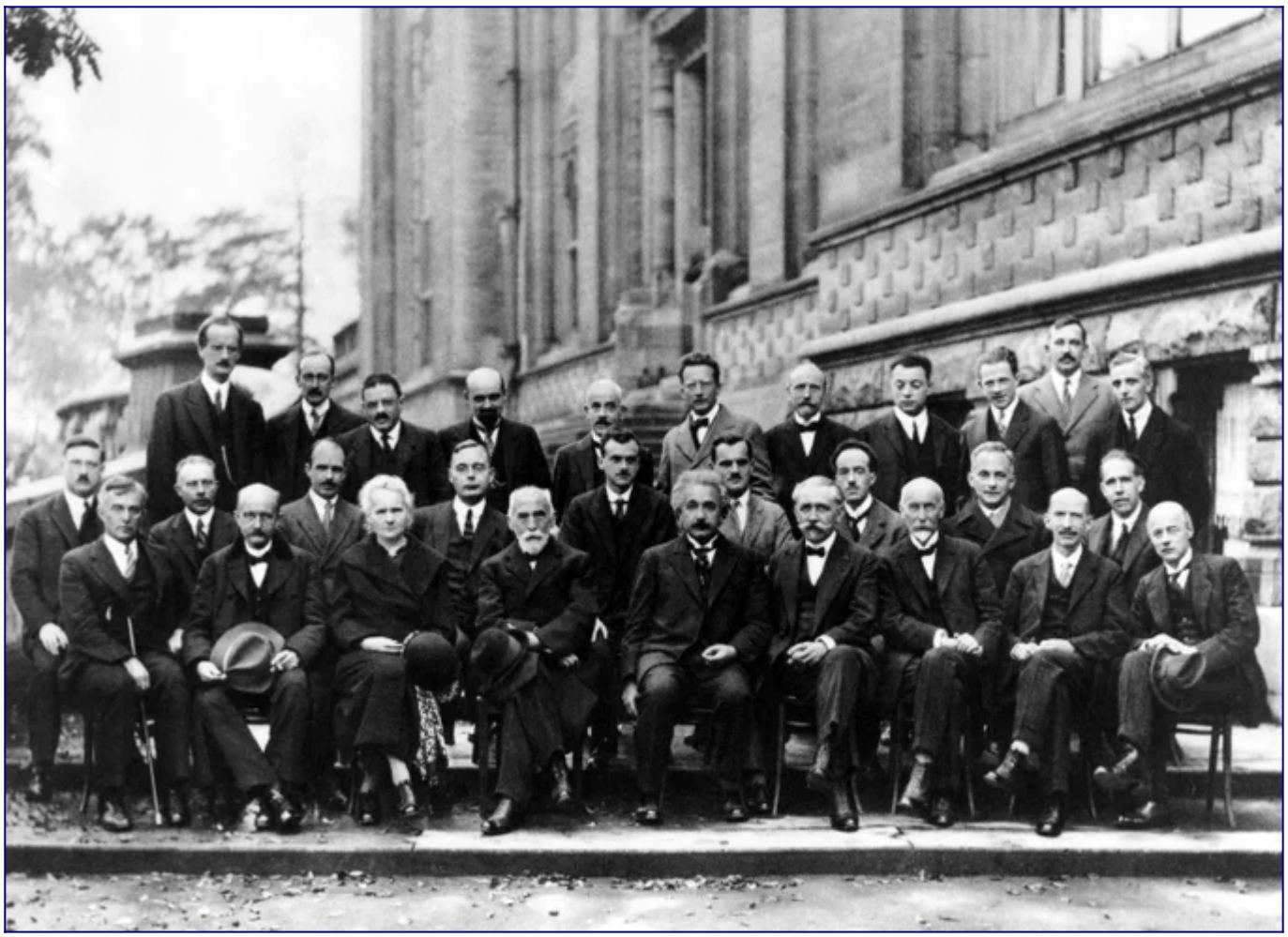
14 Dec 2024



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @squirrelgonenu1
Honestly, Antigravity Methodology is a difficult to understand Field of Study. Endevour to branch your study of any subject mentioned in my post, ask me if you don't comprehend something and I will try to make a simpler understandable relation to nature. I have posted the Basic Elements of antigravitational methodology in an easy to comprehend relational-Associated teaching technique. And once comprehended, it becomes obvious where the misunderstandings occur. I guarantee You, if You were to comprehend the Field of Electric Field Propulsive technology, you could write a 20-page whitepaper, then, send it to SpaceX. SpaceX would send a Chariot your way, they day they finished reading it. But then, You'll see that clone that has taken over You Tube and Twitter. And you'll be continually around Money worshipers.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024
Replying to @ZBadBird @darkjournalist @ashtonforbes
Maybe I will talk to Ashton after I find me a new Job. I quit OU today, They use to give Free meals But money ran out last year. The University of Oklahoma is going to Pay Students more than PhD Professors. (I thought money ran out ?) I feel guilty I left 38 students without mentorship, but hopefully the STEM students can scam some of that $48,000 a year they pay the Activist Students. Those RADAR Graduate courses with Lab are between #3500 to $7000 a Class. I teach my students lots of tips on scamming the University by Posing as an Activist or Social Justice Major or Journalist Major. Those worthless degrees are Free if you take the weekend bus rides. (but money ran out last year.) They enroll as a Activist, Social Work, Social Economics or Journalist degree plan, where School tuition, room and board are Free if you go on the "every weekend" Bus ride to protest at whatever the University works as a subcontractor of NGOs. Then always register "Late" so all the classes are full, where your Adjunct, Academic Advisor will "Dump" you into whatever STEM class you suggest, just to fill your semester,(get to be their friend and they do what you want) Stay in the Liberal Arts program, appealing all problem that arises. (getting to know everybody) Then when you get close to the STEM Degree requirements and one semester from graduation, change your Degree Plan to the STEM Degree. The University will hit you with the Whole Bill and More. Appeal to the Regents and they will Hush it up immediately. (you will know at least one by then) I've gotten 4 past the paywall in the last 4 years. and About 40 more "loaded" next year, then about 50 in 2 years, and then about 20 in 3 years, riding the Social Work Boat

toward STEM-LANDIA... Long Live STEMLANDIA ! Free STEM Degrees for REAL. But you must WORK the SYSTEM, with a System they set up to teach Activist, how to Scam the system.....

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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14 Dec 2024

Replying to @Michael_Yon
Currently, Taxation is a second 'Anchor' to FIAT control of Bitcoin.

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Load newest

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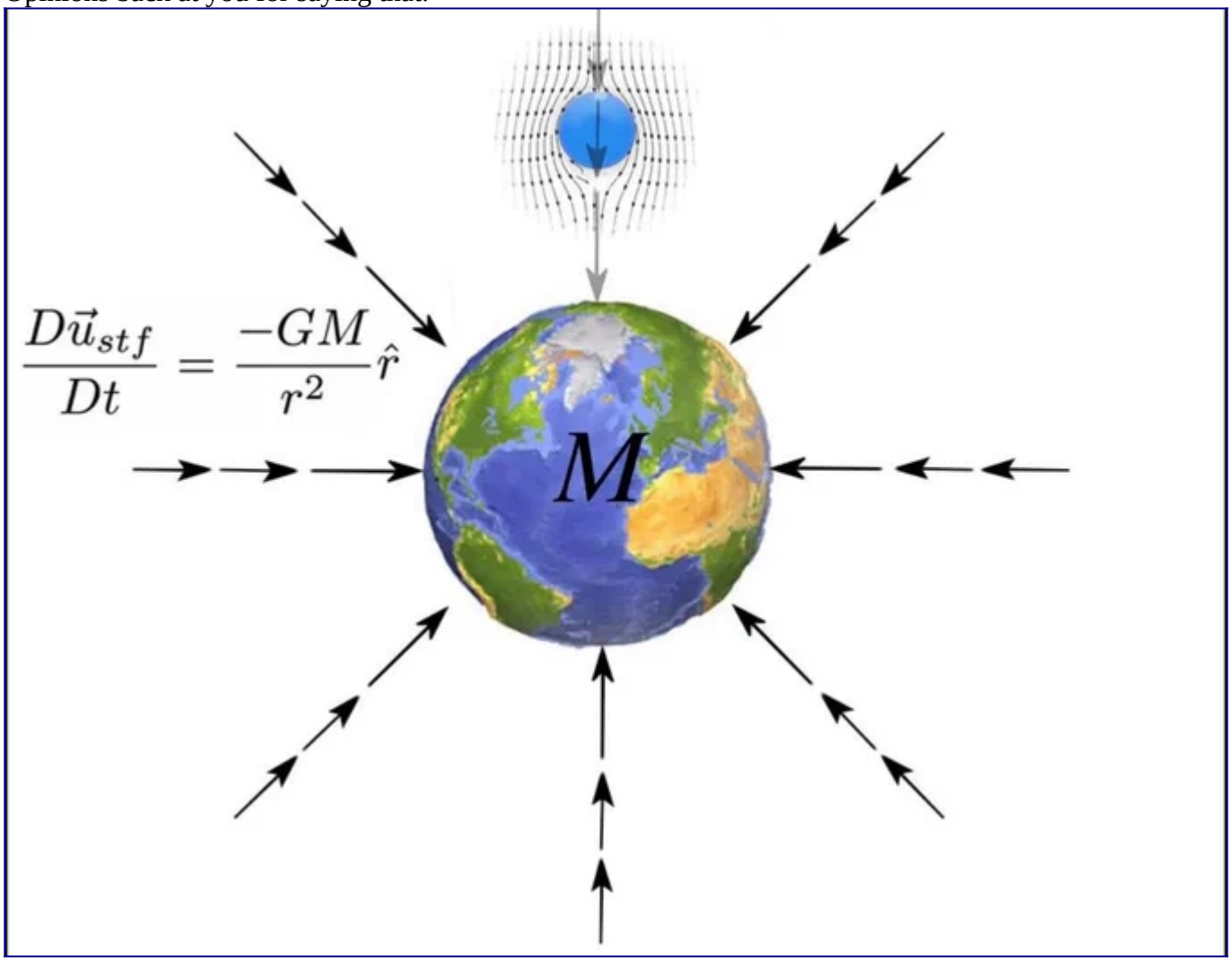
14 Dec 2024

Replying to @Michael_Yon
Silver Spray Painted Plastic Bitcoin ! Bitcoin is even more invisible than FOLDING MONEY !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Dec 2024

Replying to @Michael_Yon
There is a Proletariat Neo-Religious Order of CryptoFrat boys that will "textually slobber" their Opinions back at you for saying that.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @JoelSorrell
Impoverish everybody.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @RonyVernet
We have capabilities to "Boot" Advanced Antigravity Spacecraft until the Operator present themselves and answer for their trespasses.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @Dragonmaurizio
You are helping educate with your Post. Thank you, God Bless MAURIZIO !.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @Michael_Yon
Cryptocurrency is just another FIAT Currency. This FIAT currency REQUIRES Your Mind(head) and Your Labor(hand) plus ELECTRICTY to Buy Sell and TRADE.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @Michael_Yon
Just like Mitch.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @darkjournalist
That model was Constructed at the NASA RP-1 plant in McGregor Texas starting 1979. I believe first FCF was 1982. It was a death trap. Cable & Momentum wheel based attitude control system in a 1980 antigravity vehicle.(Stupid design cause they keep things secret, making people have illusion these are fantastic craft.)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @TheRealVerbz @elonmusk
A friend told me Chomsky died in 1987 and that we had to celebrate the Death of Eugenicist right then. he was disappointed a week later.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @RealSteveQuayle
God Bless Steve Quayle !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @RealSteveQuayle
The DOD is about to release, to Ukraine, the 2 B61 Nukes in Poland. They have been there for the last 2 years. Vidman is currently, this week, running a "RAT LINE" out of Kiev and into the US. He's moving super-nasty criminals. Vidman thinks Ukraine is about to Fall. The DOD want's Ukraine to nuke Moscow as they surrender. F'ing up the whole show.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @ShotCreator11
I am not a money person, Here's my best Financial Investment advice. Please note, I give all my extra money to Homeless and Vet Friends, that is my reference I drive around on cold nights, in the town I live, and pick up homeless and take them to Home Stay and get them a place to stay for a week for about $200. One day a week, you will find me volunteering at my friend Dale K. Graham's Veterans center helping Vets on VA Claims. You can call from other states if you're having problems with VA Claims. I met Dale a long, long time ago when I was on Active Duty, Dale has a big big heart. He taught me G Code and M Code, so I didn't have to get Project parts with long delays. I can market my G Code and M Code Skill with my AutoCad Skills and I can combine it with my analytical skills into a CFD package that AI will take 25 to 30 more years to equal. (were my children will be technically ahead by 20 to 30 years. Your Education is part of your HUMAN Survival Skill, most abandoned those skills for the Smartphone. How many phone numbers in you head ? Do you really expect to have your mind in 30 years if you cannot remember phone numbers ? Most Frat Boys, END THEIR EDUCATION when the leave school and start a process of Un education. When I was forced out by the CoVid Nazis, I was offered 30 Shekels, a goose that lays golden eggs, lifetime Room and board on any military installation of my choice, unlimited military HOPs. I just had to sign their paper telling me to shut up, then go away. As far a Investment money for 30 years down the road. I have posted information that caused me to have to spend money getting my Military retirement back because a Crypto-Frat Boy DARPA program manager with $350 sneakers, $300 backpack, at the University of Oklahoma, sent a report about my Twitter postings to the Pentagon. They called me and told me what he wrote. that required a year to investigate his claim I was Leaking information. Antigravity is in the textbooks. The only AI thing to fear is AUTO-TRACKING. You will always be able to talk AI into an Illogic Loop. Many drug addicts spend their life in an illogic loop. you can always pull the Power on AI. You can always corrupt the input. You can always change PO-Tay-To to PO-TAT-OH. I confronted DARPA Dick and told him he was a Dick,. So, money is a stream of Labor and Minds that economic academic systems fail to grasp. Disruptive technologies will burst on the mainstream when Mans progress is limited by elite's Social Engineering. Bank on your Education, Family and Friends. Helping friends during financial hardship will ensure you have a friends when thing go south for you.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @JoelSorrell
Yes, Crypto being a Sub Ponzi of the Master Scam. Bitcoin was Placed on CIA/MIT social control radar at the Beginning. The CIA help the CCP set up a Tomographic Decryption Program in 2010, around the same time Obama allowed that Chinese Officer to go into the Hawaiian Strategic Warfare center. The Chinese have thousands of Cyber-warfare Mathematicians working and refining a Bitcoin Vacuum. The Chinese are very good in Tomographic Decryption. That is where the Best Chinese PhDs are today. Eventually, the Chinese Hack teams will be able to Generate Fake, but working, "Keys" that are good for One Transaction. The Chinese Cryptocurrency-Hack teams will set off a new wave of crime as crypto falls from faith when millions go broke a minuet, and billions go broke in a day.
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13 Dec 2024
All should wait a few weeks to access the PsyOp.
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13 Dec 2024

Grok says; Cryptocurrency as a Form of Fiat Money: If the cryptocurrency in this system is not backed by any tangible asset (like gold or physical goods) but derives its value from the trust in the system or the issuing authority's stability, it begins to function similarly to fiat money. This trust can be in the technology, the governance of the blockchain, or the community's belief in its future value. However, most cryptocurrencies like Bitcoin or Ethereum have a defined supply cap, which parallels with traditional fiat currencies that changes value based on the price of available energy.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @UAPinvestigatio
Ask Winston Smith.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @Matt_Bracken48
Isn't he one of the US Generals ID'ed in the 2020 Taiwan report on BRIBED US GOVERMENT Civilian and Military PERSONELL, whom had Accounts in the top Chinese (non-public) CCP Bank.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @gregreese
God Bless You Greg Reese ! You are Good Work !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @alwaysthoughtt1
Tulip Bulbs are still making BIG money.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @squirrelgonenu1 @yh_pee
My first Experience at Cryptography was in the development of Air Force One's Data Link for new 747 version of Air Force One back in the early 1980's. We utilized Dr. Ayyadurai Email system on a test data-link in 1988 for building the Software architecture. But I'm told by the Crypto-Religious Order that 1980's 256K key "Euler-Ruler" Secure-Com is not the same as Super -Secure-Cryptography used on the Internet today (the Deep States NODAL Playing Field).
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13 Dec 2024
Replying to @gregreese
My Rosicrucian friend had to have sex with a cadaver to Pledge In. After he had short conversation with some Vets, He confessed he had given the local cult $140,000 over 8 years. SUCKER !!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @davidurbano @maniaUFO
Wasn't there a movie about that Orb ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @yh_pee
And the Fanatic Crypto-Religious Order, crowds the Halls of Twitter, searching for us Heretics, to send Nasty DMs too. (Why do they waste Electricity, making me laugh at their materialistic Crypto religious order.)

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @yh_pee
Crypto is FIAT because it requires Money+Fuel = Blind Faith to complete the economic acceptance, to Buy, Sell or Trade.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @TumukundeTT
There is also a Deep, Deep Hole near the Gay Bar in Washington DC, called the Pentagon. If you drive near the hole, any money you have, will fly out of you pockets and go down the hole.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @maddy14303
It may be spraying Gasoline .

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @TheRealVerbz @TheCryptoCPA
This Post tells me, Electricity is the FIAT car that Crypto rides in !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
13 Dec 2024
Replying to @Mukshud @mukshud
Thank You Mukshud.! God Bless You !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @TheRealVerbz @TheCryptoCPA
Cash Fuels DOD/DOE Antigravity Vehicles. The Fuel tank resembles a Fireplace !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @GenFlynn
Active Area Denial Systems are capable of downing Conventional Drones within 1.5 of Transmitter Array.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @HeavyEagleBlast
I'll look at it really good and it may take about a month to discern through all the information. Electrophoresis is a well studied field, Dr. Kay Mullis developed the PCR test from his studies of Electrophoresis.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @Mukshud @mukshud
Good Day Brother; 'There is a Lockheed Designed Antigravity vehicle that has a thick-walled Spherical Vacuum chamber that is draw down in adiabatic Pressure substantially lower than found in space. When the Vacuum vessel is at maximum negative pressure, A Microwave pulse, burst the interior, to final pump the remaining Ions out. Then an internal heater, heats the vacuum vessel, (stupid design), to high temperature, over 1,500°,(intital ground test is 1 second at 2,300°F prior to flight check.) When the vehicles vacuum chamber's radiant heat begins to saturate the area, a Massive Static field is felt throughout the body, extreme Low frequency <1Hz waves, physically move at a velocity of M<1, then Air is Pushed away from the vehicle surface, by Electrostatic 1 DOF Field, (we don't experience these 1 DOF Field found in the Micro Nuclear State.) resulting in a Gas-like Bubble, nulling the surrounding media's inertial kinetic adiabatic adhesive coupling. This results in lifting the vehicle via an Electric Field of Kinetic Dense Plasa Vacuum Bubble. Lifting the vehicle from the ground, bringing the 1 DOF Force Fields found at the Micro-Nuclear Scale to the Macro-Diffusive Nuclear Scale in an artificial manner. The Lockheed vehicle physically move by simple exterior pressure differentiation, which disturbs the field in hover(stupid design) So, The Static Field builds to such a potential you cannot walk closely to the vehicle and can feel something when Whitin 1.5 miles of moderate size vehicles. Could you feel rhythmic / pulsitic vibration as force or air pressure (Infra-acoustic sound)? Thank you for bearing through my questions.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
13 Dec 2024
Replying to @TMBSPACESHIPS @jkphilly_fan @ashtonforbes
Part 2 youtu.be/watch?v=xoiyaNO8…

Edward Teller - Contrasting theories from Heisenberg and Landau (Part...

To listen to more of Edward Teller’s stories, go to the playlist: https://www.youtube.com/playlist?list=PLVV0r6CmEsFw1phnddYWXtVkRW8eUVlqxHungarian-American ...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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13 Dec 2024
Replying to @jkphilly_fan @ashtonforbes
Edward Teller Contrasting theories from Heisenberg . Part 1 youtu.be/watch?v=4tuvMqcx… Part 2 youtu.be/watch?v=xoiyaNO8…

Edward Teller - Contrasting theories from Heisenberg and Landau (Part...

To listen to more of Edward Teller’s stories, go to the playlist: https://www.youtube.com/playlist?list=PLVV0r6CmEsFw1phnddYWXtVkRW8eUVlqxHungarian-American ...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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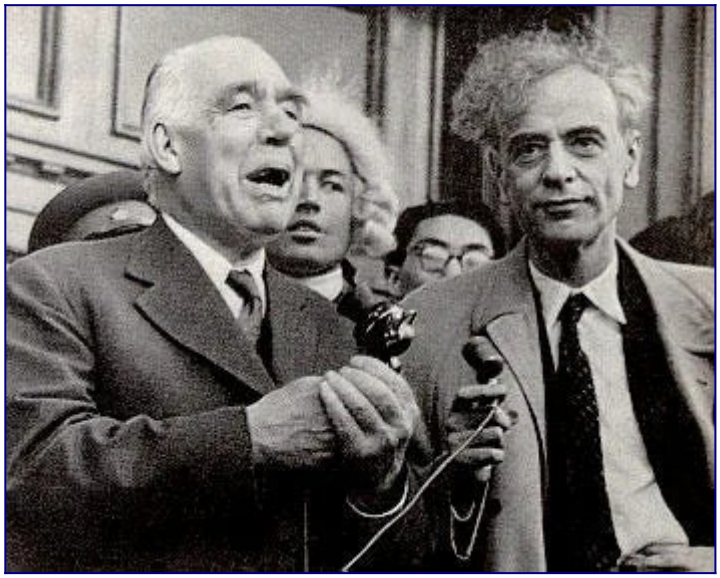
12 Dec 2024

Replying to @AshtonForbes @ashtonforbes
Sakarov bottoms for Lev Landau ! Lev Landau is the greatest Physics and Instructor of Empirical Mathematical Methodology in history so far.



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12 Dec 2024

GRAVITY is a Characteristic of NUCLEAR FORCE TRANSPORT.

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12 Dec 2024

Gravity is a Force found at the Particle to Media Interfacial Surface TENSOR. ONLY ! Local, not far away, not far away, local Interfacial Media transitory Domain.

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12 Dec 2024

Replying to @TRobinsonNewEra
I would never hire a Midget as a body guard.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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12 Dec 2024

Kinetic Transport is a Force found at the Particle to Media Interfacial Surface TENSOR. ONLY ! Local, not far away, not far away, local Interfacial Media transitory Domain.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted

Jack Straw
@JackStr42679640
12 Dec 2024
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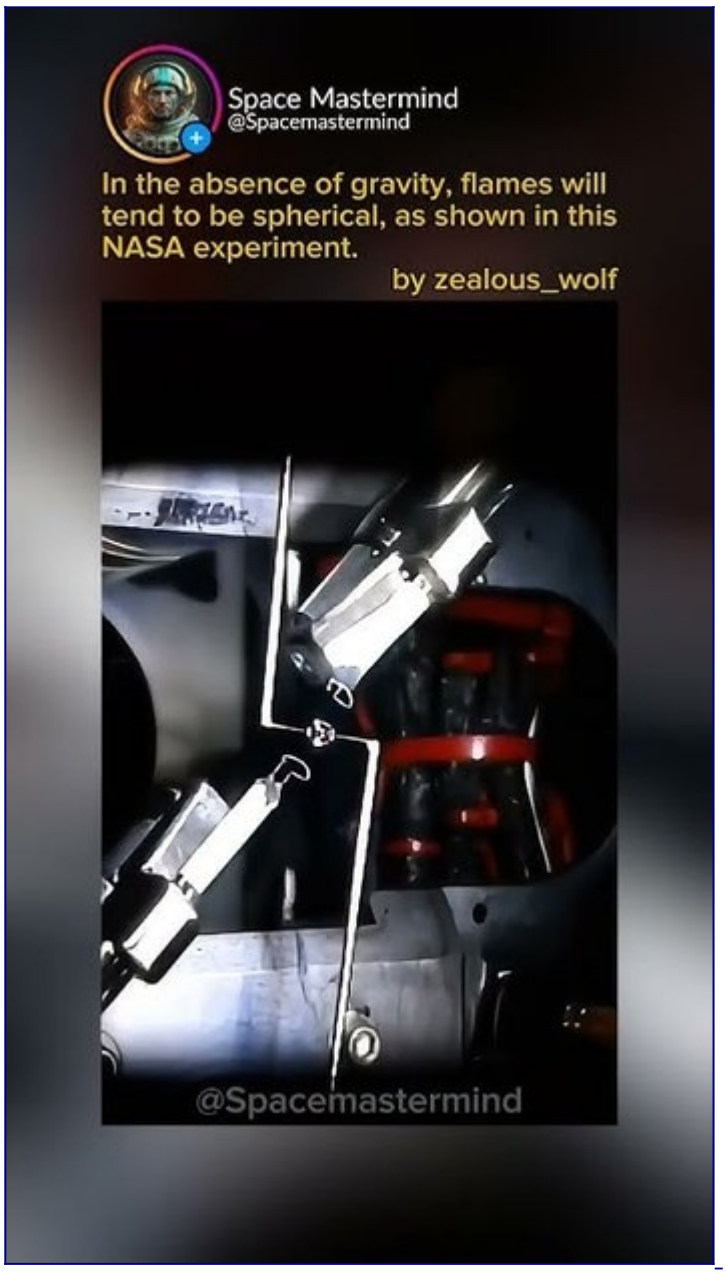
@TMBSPACESHIPS
12 Dec 2024
Replying to @TheRealVerbz
Did you ever think about, Faymann's study of the Electron's Fractionalization got so far into chasing the tiny, tiny 3rd through 26th order dispersal Eddy, that he gave up and just drew pictures of where the Ghost run too ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @space_stations
You have to write your own Family Textbook of Understanding. Then, get it Hardback published and pass it down your familty.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @TheReplacementV @squirrelgonenu1 @ashtonforbes
I would like a Recliner that looks like Neil Degrasse Tyson for Christmas. It would look comfy and warm.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @space_stations
I could Gravity Particles in my pocket if they existed! Seriously, they teach "Gravity Particle" here at the University of Oklahoma. Most other Instructors believe in Tachyon (Time) Particles. No self-respecting uneducated MAN or WOMAN should ever let this BS pass in conversation. If a person believes in Gravity as a Particle, they have completely misunderstood the basic concept of Matter. A Particles are tangible, You CAN touch particles, and do things with Particles, and do things to Particles. You can do this because Particles are Tangible. You cannot touch Time. You cannot touch Gravity. That book is a TESTIMENT that we live in an IDIOCRACY.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @Matt_Bracken48
God Bless Michael Yon, Matt Bracken and whoever that other guy is.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Understanding what happens to fire, in the absence of a strong Gravitational Field, is a CORE Element to understanding real Antigravity Methodology. yewtu.be/shorts/-5NUDpNE6…



"Without gravity, flames form spheres, in NASA tests."#Space #NASA...

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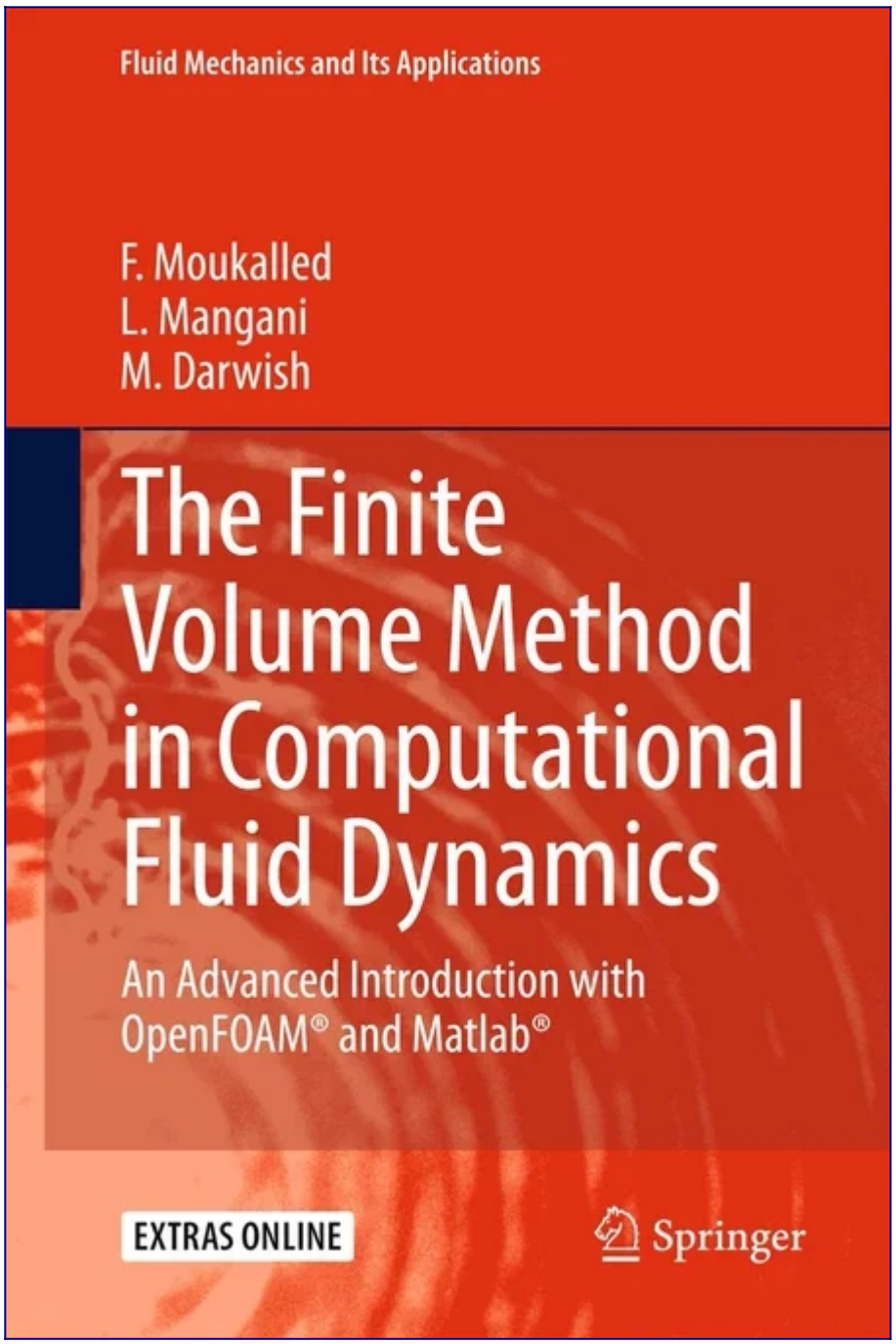
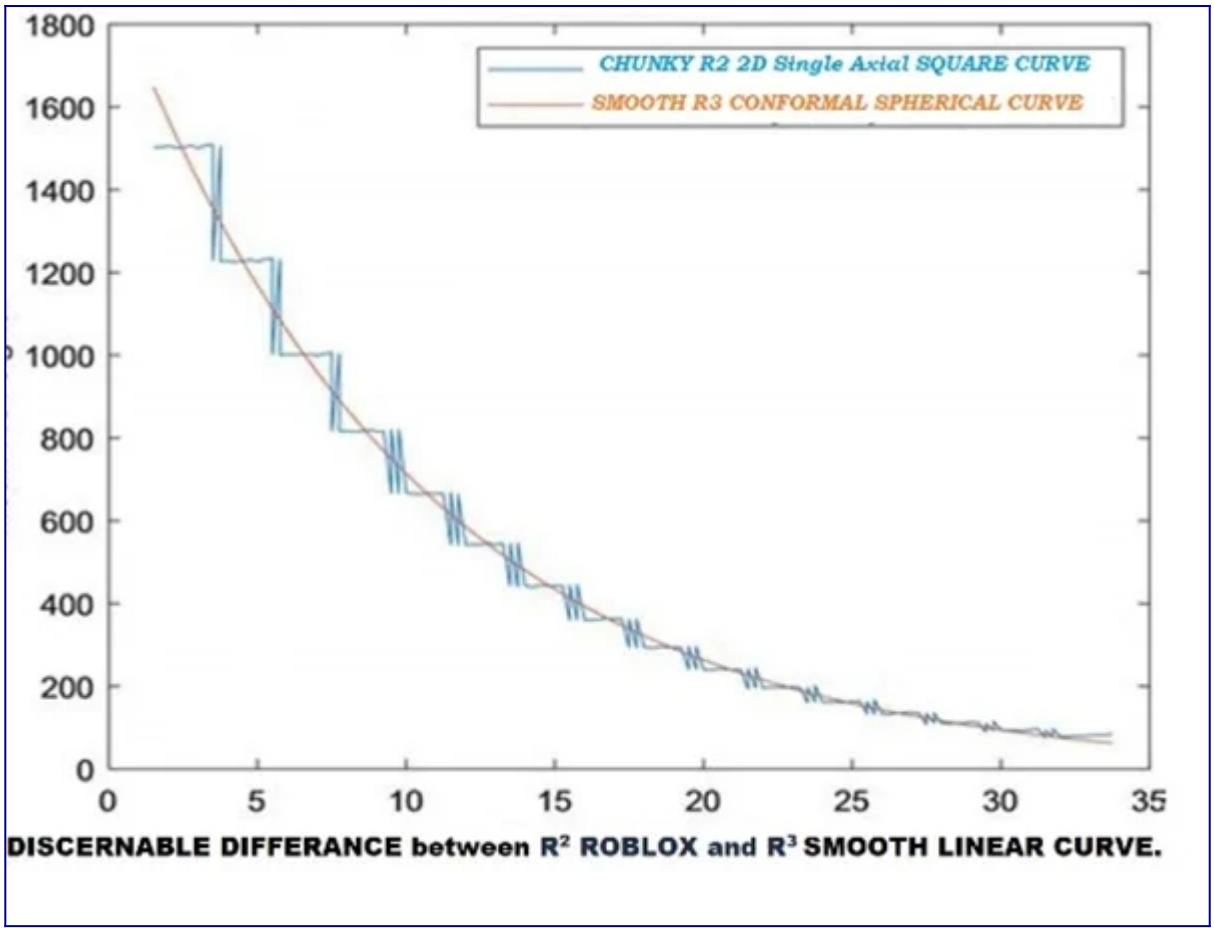
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @TMBSPACESHIPS @ashtonforbes
Finite r3 Volumetric Modeling. Curvy r3 Volumetric (Spherical) stuff, not chunky r2 AREA ROBLOX curve.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @AshtonForbes @ashtonforbes
There has been an Academic search for the 3 Body Modeling methodology for 70+years due to the methodology and misunderstanding of Empirical modeling methodology. What we as Humans are looking for in the 3 Body Problem is "Harmonizing curves" that follow smooth vectors like those found in Nature. From a Geometrical Point of View; When looking at Partial Differentials, you find area, r2, functions representing the conditions found in the 2 DOF Cosmic Thermal Background Lattice of Continua (the Electron to Electron statistical distributive space Lattice.) When looking at Volumetric, r3, functions, you get smooth curves. A true academian would change the statement to, "We don't have Consensus on a 3 Body Problem", due to Clairity and comprehension of those seeking to model such Volumetric Dynamics. Problem: Modeling a Volumetric Function with and

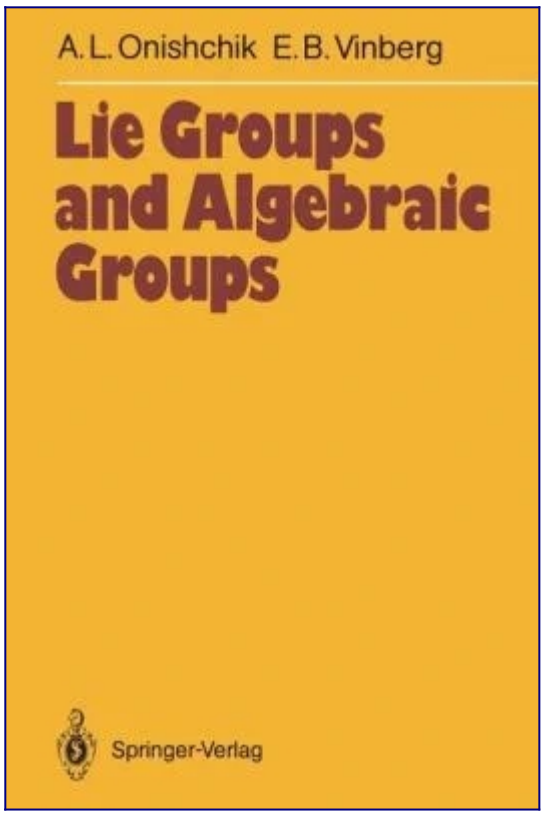
area function. This is the most common error is see today in comprehension of the "3 BODY PROBLEM". You must use large SET of Dimensional Volumetric Dispersal Functions to determine a "Many Body" problem with extreme accuracy. Note the difference between the smoothness of a r2 Area Curve Vs a r3 Volumetric Curve. This is part of the methodology to Break the Blockchains and Funnels all the Crypto Money, sequentially, to Deep State Pockets. Past methodology resulted in ROBLOX Curves. new Methodologies utilizing multi-parallel Tensor CPUs and Homogentisic Topology (Outer Boundary of Curves) will generate a "SOLVED" but Fake Blockchain encryption. The Chinese Government has thousands of Teams working this right now to steal Crypto money as soon as they break the first curve algorithm.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @Finance_Nerd_

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @HoPewGassed @VeilPiercerBufo @ashtonforbes @elonmusk
Yes, you are weightless when making 90° turns, while going 1000s of MPH. The common sense assumption, "of weightlessness ", (zero G), was not uttered at the Fake and Gay, Dicklosure UAP hearings. Why did Lue go on and on about Humans and their "Plebe" technology cannot turn 90°, going thousands of miles per hour.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

12 Dec 2024
Replying to @Mukshud @mukshud
Describe odd movement by animal or insect movement .
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @Mukshud @mukshud
What Color ? and was intensity Florescent or iridescent ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @Mukshud @mukshud
Did you see "ELECTRON HOLE" Pattern in light. Electron Hole pattern is visible in laser light as the Corpuscular odd shaped dot of varying luminosity. That Speckled look a Laser has ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @gravitomag
Hello Michael, I'll look back at this in a few Days. Large dimensional Sets, Combitronics and Dimensional Topology are some interesting things I delt with in the past.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @looseel_scott
I second that Opinon !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @Mukshud @mukshud
Have you see on with "Light Tails"
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @DerrickEvans4WV
They already did, OCTOBER 30, 1938 World WAR Alien Invasion 1
en.wikipedia.org/wiki/The_Wa…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @markalan145 @ashtonforbes
I lie with a group.



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12 Dec 2024
Replying to @ChiefDinger @jkphilly_fan
I am prejudiced to this shape. A Dog bone and Sphere shape are also forgiving with smooth geometry, keeping Ion Velocity Mach<1 Velocity. Engineering the Velocity of Plasma Vacuum Bubble Turbulence onset, with shapes that have sharp corners or protrusions, limits turning rate and Media transfer.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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12 Dec 2024
Replying to @ChiefDinger
Give me a day or two, to redraw that picture with differing Systems Block Diagrams and suggested Systems I don't see. We'll go for an UNMANNED Antigravity Vehicle design right here, You post me a Picture after I post the Redraw, then Repeat, Kinda the way real engineering works. I will coach you through the design process so you can see area your knowledge may lack in. You will be challenged with question like, How do Spacecraft Pressurizations system differ from submarines? How do I separate and Isolate Oxygen from CO2 with small low power artificial crystal molecular sieves ?

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12 Dec 2024
Replying to @AdrianDittmann @pathofexile

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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12 Dec 2024
Replying to @tophstrong
It's looking like the Deep State is gonna bring those NAZI Ukrainian worshippers back to the USA in a Paperclip Operation behind the scenes. Vidman is arraigning a exodus of really nasty Criminals from Ukraine. Vidman fears Russia is about to Fall. Biden is about to give the OK to release the 2 US Nukes in Poland to the Ukies to fire at Moscow as they surrender , to F Up the whole show. Remember the 200,000 Chinese student throughout Canadian Drone Flight Schools. What are they doing today. Look for yourself, in the news 4 years ago, Chinese "Flight" students were interviewed and said over 400,000 students had been through those schools in the last 7 years. This made Alex Jones and ABC evening news as a fact 4 years ago, many about 200,000 were stuck taking Drone Flight School lessons waiting for a slot in a Aviation pilot School to open up." Most were card carrying CCP PLA enlisted, getting base pay to study abroad. Today, thanks to the Deep State it's a"myth". Winston Smith scrubbed it and put Walls up (Fake & Gay 'Fact' checkers) so you cannot see it anymore. What happened to them. Drone Students up in Canada being ran by the CCP, justifies Recon with B-1s.

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12 Dec 2024
Replying to @RIFT_589

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12 Dec 2024
Replying to @DschlopesIsBack
The Fake and Gay "Patriot Front" revealed themselves through Social Media and Sissy-style infighting to be a multi-state Gay Orgy Club similar to Democratic Party "Grinder Guys Club", ran by FBI's CoIntel Counter Foreign Intelligence Division. The FBI recruited many through Kiddie Porn sting operations, (they don't want to go to jail.) (wonder why?)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @realannapaulina
A mature technology stays around. They said we would have Rockets and spaceships by the 1960's and we will not use cars anymore. The cartage firing Firearm will be around forever with enthusiast.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
Replying to @HealthRanger

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Dec 2024
I get mine from Textbooks. Eat 1 Graduate level Textbook a week and you will not have to dream. DO.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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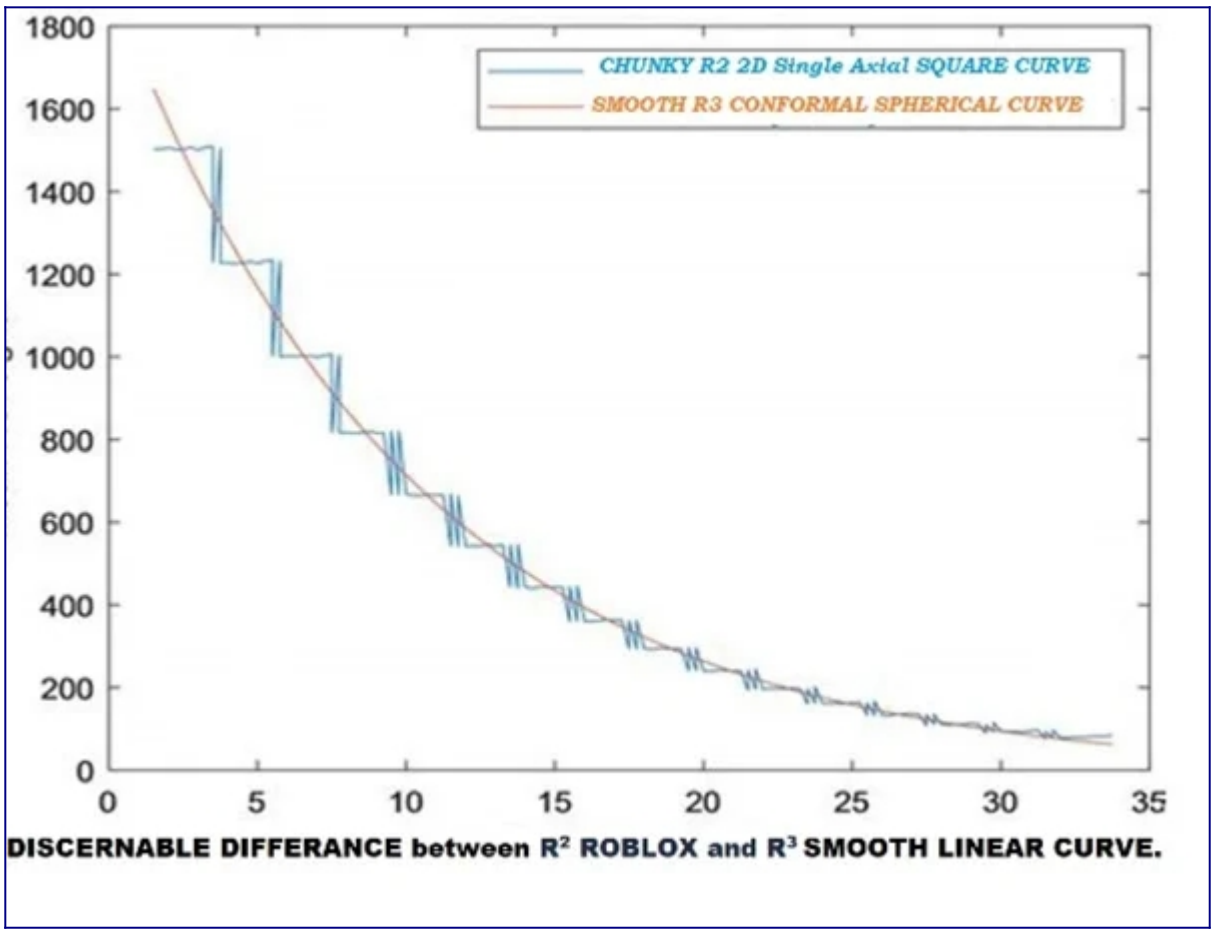
11 Dec 2024
Replying to @LarsonDelbert
Difference between a Chunky Roblox r2 curve. and a Smooth Volumetric r3 curve.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @TheRealVerbz @RealAlexJones
Today you see the "Blue Beam" research in NASA LITHIUM AEROSOLE dispersal experiments. It is "integrated" to a UVX Excimer Laser system at ground stations, that has a dual beam system, set apart in separate building, by a short distance. For some reason there are many stations along the East Coast. The two buildings fire their Laser toward the same location in the sky above. Each beams Aperture, at the Excimer Lasers emitter, has a Copper electrode touching the edge of the Beam, as it exits the Laser. Each Electrode is half circuit of a High Voltage Resonant Power Supply. A UVX Laser Beam is Conductive like a Metal, only superconductive in this setup. If you run a high voltage along a wire, anywhere between the High Voltage Path is superconductive. You can put a 1.5 volt DC battery and run a internal circuit current at superconductive electron velocities. Back to the Blue beam crap. The High Voltage completes the circuit at the Apex of intersection in the sky, where the 2 beams intersect. You see Electrical sparkles floating in air, this technique is utilized in advertising devices today. Now add Aerosolized Combustible Lithium to the light show and it should be fantastic.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @CarsonEdmu53800
I Lie Algebretically !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @CarsonEdmu53800
I lie.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @f26053764 @Alien_Scientist
They are not a single particle pack, but Fractional Electrons moving toward renormalization. While it is an informational presentation, is should be disapproved if incorporated into a Doctoral Thesis. (Validity issue that should cause upper PhD evaluation) (no reasonable theory of Causality). Fractional Electron forces have been well studied and well known since the 1920's to have a 1DOF determent. (Seeing the 1 DOF is what they claim) . This is a repeat of 1954 research into Crystal Diffraction showing identical results. Our standards of Education and poisoned by the Fabian Socialist Engineers of this technocracy. Most Chinese High Level of Physics research today, is repeat of 1920's to 1950s German, British Russian and US experiments that were lost to the trashbin of history, being repeated due to the CCP's stranglehold on education in China. We live in an Idiocracy today.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @CarsonEdmu53800
Faster than Light Communication systems are engineered on the principals of Distributed Longitudinal Kinetic Fractional Sum Waves, Co-entangled. They must be pointed, in a line-of-sight technique but the Sun doesn't obstruct or degrade the signal when it obscures the path. The Communication Systems are, beyond line of sight, communication system. or Intergalactic Communication Systems. You have a chamber similar to a standard Plasma Sputtering or Vapor Deposition Chamber, in which a Plasma is Physically Oscillated in a Fixed chamber, where 2 plates are slowly brought together, where Magnetoacoustics Waves stand up in Casimir Force to produce Oscillations between the plates, where the Arc produces light, a extreme high THZ frequency Oscillates, waves lengths a magnitude smaller than 1 nanometer. The communication device's Vacuum Chambers are Geometrically designed in a Conical Shape interior with Tungsten Shroud, open on one end to a Magnesium Fluoride Window. You them Physically move the Plasma along the axis of the exposed window. You move the whole device with a CNC type Slide on a 2 Axis Gimble. The receiver is the same, the Perturbation 230,000 miles away are seen a Geometric Noise Floor Changes in the Universal Cosmic Thermal Background's noise floor. The Receiver sees Plasma In-Equilibrium as the signal in real time from the USA to Ramstein AFB with no LATIENCY. These Oscillation are hidden Kinetic Movement in the Universal Cosmic Background. There are other planets utilizing this methodology. I lie.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @jkphilly_fan @ChiefDinger
Alos called, DISPERSAL, DIFFUSION, REFRACTION, REFLECTION DISOLUTION ect. Use the word familiar to ones Field of Study. Endless Semantic play.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @jkphilly_fan @ChiefDinger
further, is a balloon a wave guide.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @jkphilly_fan @ChiefDinger

If a Standing wave exist, it has a Standing Wake. If a Wave moves through nothingness, there is more Nothingness on the forward side of the wave and less Nothingness on the Aft side of the wave (the wake). The Wake (1st order Reflection) leaves an Eddy, 2nd Order of Reflection. You Strike to 1st order Reflection for the Secrets of the Universe.

The beginning: A POINT of REFERENCE: 1 DEGREE of FREEDOM
LATTICE STRUCTURE: RESULTANT of NON TRIVIAL ZEROs
THIS begins the 2 DIMENSIONAL COSMIC LATTICE of CONTINUA or MICROVERSE

LOCI of $r^0 = \frac{1}{\geq 0}|X1 \quad 1|$ **POINT in 1D LATTICE**

FORMATION of DIPOLAR FORCES: 2 DEGREES of FREEDOM
ELECTRONS are King in this DOMAIN: THIS ENDs the 2 DIMESNIONAL LATTICE
FRACTIONAL FORCES DOMINATE this DOMAIN
THIS ENDs the MICROVERSE LATTICE of CONTINUA
This DOMAIN is TRANSIENT due to Forming Dipoles.

LENGTH or $r^1 = \frac{1}{1!}\begin{vmatrix} x_1 & 1 \\ x_2 & 1 \end{vmatrix}$ **LINE or LOCUS or LENGTH**

This is where Waves begin: 4 DEGREES of FREEDOM:
IONs COUPLE to ELECTRONs in this DOMAIN: Boundary of the MACROVERSE
THIS DIMENSIONAL AREA begins the non LATTICE EXPANSIVE MACROVERSE
THE MACROVERSE is inside the MICROVERSE linked by EIKONAL vectors
SINGLE AXIAL FORCES begins here.
EXPANSIVENESS and CONTRACTIVENESS are the GRADIENTS of the FIELD.

AREA or $r^2 = \frac{1}{2!}\begin{vmatrix} x1 & y1 & 1 \\ x2 & y2 & 1 \\ x3 & y3 & 1 \end{vmatrix}$ **Length + Width = FIELD**

REALIZED MASS : 6 DEGREES of FREEDOM : ¼ Wave FUNCTION
IONS are KING in this DOMAIN
LENGTH x WIDTH x DEPTH = VOLUME
This DOMAIN gives rise to the Momentum withing the FIELD.
2 AXIAL FORCES begins here. *432

VOLUME or $r^3 = \frac{1}{3!}\begin{vmatrix} x1 & y1 & Z1 & 1 \\ x2 & y2 & z2 & 1 \\ x3 & y3 & z3 & 1 \\ x4 & y4 & z4 & 1 \end{vmatrix}$ **CUBE or FOCI = MASS**

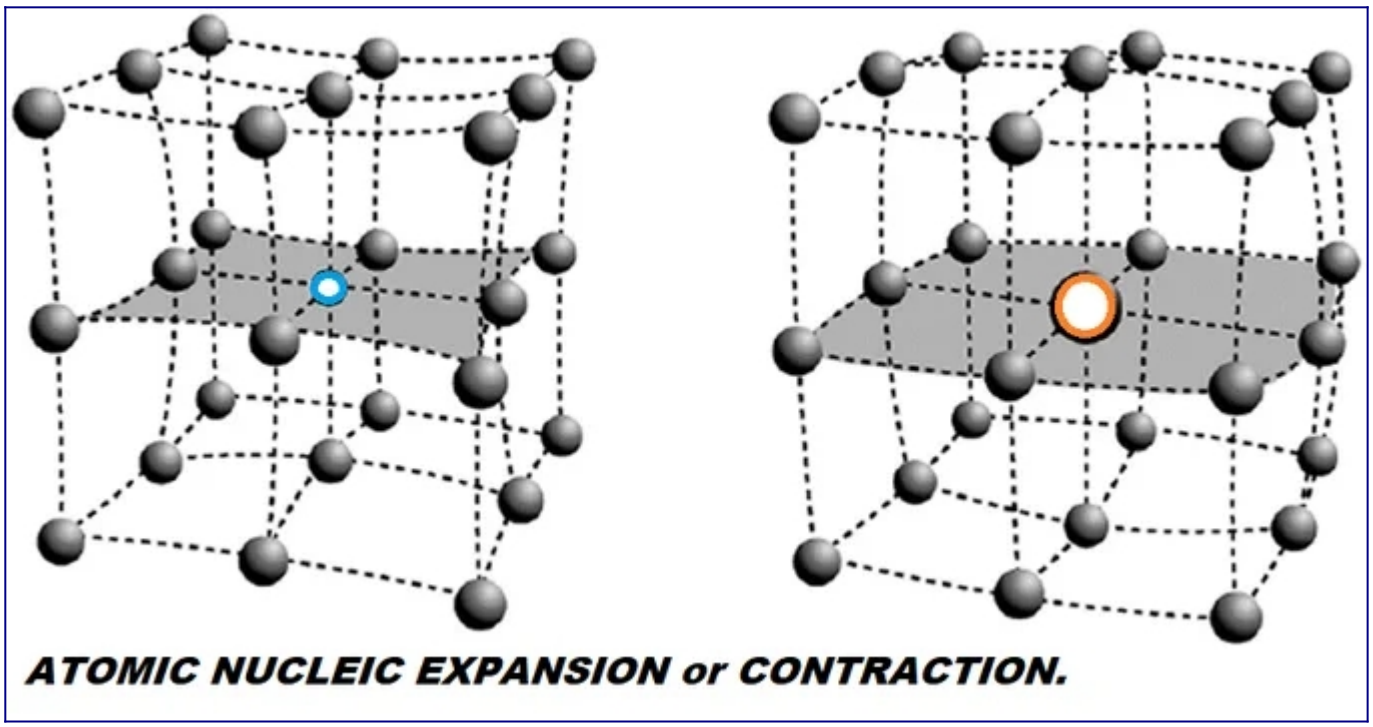
9 Degrees of Freedom: MOMENTUM begins here : K = TRANSPORT FORCE
K goes into motion: K is EXPANSIVE or CONTRACTIVE in ¼ wave
This is where the Macroverse inside the MICROVERSE exchange FORCE
MACROVERSE is EIKONALLY CONVEX to MICROVERSE
3 AXIAL FORCES begin here.

PROJECTION or $r^4 = \frac{1}{4!}\begin{vmatrix} x1 & y1 & z1 & K1 & 1 \\ x2 & y1 & z2 & K2 & 1 \\ x3 & y3 & z3 & K3 & 1 \\ x4 & y4 & z4 & K4 & 1 \\ x5 & y5 & z5 & K5 & 1 \end{vmatrix}$ **TESSERACT**

27 DEGREES of FREEDOM Dispersal of MOMENTUM begins here ; q=I
K is absorbed ELASTICALLY or INELASTICALLY
DEFORMATION/RELAXATION begins here

REFLECTION or $r^5 = \frac{1}{5!}\begin{vmatrix} x1 & y1 & z1 & K1 & I1 & 1 \\ x2 & y2 & z2 & K2 & I2 & 1 \\ x3 & y3 & z3 & K3 & I3 & 1 \\ x4 & y4 & z4 & K4 & I4 & 1 \\ x5 & y5 & z5 & K5 & I5 & 1 \\ x6 & y6 & z6 & K6 & I6 & 1 \end{vmatrix}$ **POLYTOPE**

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @RedPandaKoala
Because there is a FBI involved PsyOp, it is our US Government.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @Alien_Scientist
TO Clarify, "Quasicrystal" is a Electron Diffraction, Dynamic Modeling methodology of Ordered Lattice Structures. It is utilized to assist in modeling a Crystal Stressed Tensor nuclear shape that is either contracted dimensionally, or expanded dimensionally. Once again, Quasicrystal is a Dynamic Modeling Methodology of Crystal Axial orientations' vector of flow. Sum Crystals are conductive across on axis. (like silicone) Sum Crystals are conductive on 2 Axis. And Sum Crystals are conductive all 3 Axis, such as metals. Some metals become more Conductive on one axis as it heats up (such as silicone) and we call them Semi-Metals or Semi-Conductors. Quasicrystal methodology allows you to ID the Refractive Index, Crystal Classification Shape and the Dynamic Transitory nuclear structure as the Metal heats and Cools. The methodology is utilized to discern the quality of Electre Grain in Ambipolar Diffusive manufactured materials.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real @elonmusk
Me like.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @GSoothsayer17 @VeilPiercerBufo @ashtonforbes @elonmusk
You can 'Shock' Heat from the Hydrogen Lattice of Continua, where nature fill the voids with Great Current to fill the hole in the Universe's Cosmic Thermal Background, (the Electron to Electron collisional Locality in distribution.) You Channel the Shock through the Meso Nuclear Scale and Absorb it and convert it at the Macro nuclear scale. Electricity is everywhere around you, holding everything in equilibrium, when it can. If you are smart you can see the types of devices needed from just that statement. I worked with many of old smoking engineers that would say, you use this and this in this arrangement. Free Energy is just a Education Away to remove the Idiocracy our society has (Socially Engineered) evolved too. I leave errors in Post so you know, I am a AI bot.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @TMBSPACESHIPS @ChiefDinger
KC-135s and B-52's have original Sealant in the internal Wing Fuel tank structure. (60+ year old sealant). When Boeing delivered the first 2 batches of KC-46's, they purposefully did not put any Sealant between the mating surface faces, of the internal wing structure. They leaked like sieves, required 1000's of Rework hours per aircraft by the USAF at the Tinker AFB Depot. That was purposeful sabotage that the Airforce had to spend another $4 million per plane to reseal because Boeing wanted $10 mil each to fix, with less than 30 hours per airframe. Boeing Purposefully engineering sabotage, by expecting to get the leaking fuel tank contract, they had built into the airframe. Even planes manufactured in WW2 had sealant in the mating surface of wing fuel tanks.

The first 2 batches of KC-46s' were the only Boeing aircraft manufactured to not have mating Face sealant on all mating structure.

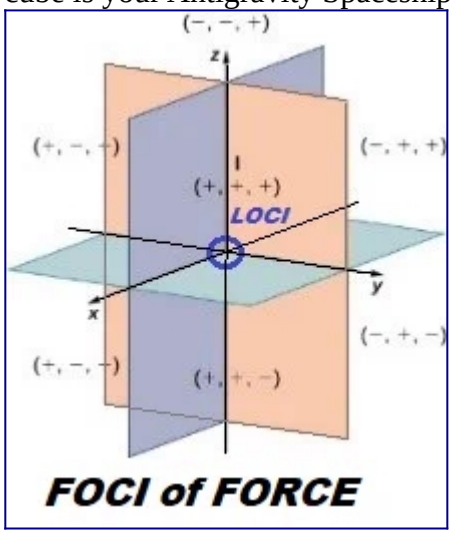
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @ChiefDinger
Biefield-Brown methodology place stress only on the Electron Nuclear Axis, constraining it to 4 Axis of Freedom, allowing Physical Kinetic Energy to leak out those Paths avoiding, instead of following the Path of 1 DOF, where decreasing the Permittivity of Free Space by filling the space with Ionizing Gas (Fuel+Ion Seed Gas + SF6 + Helium), thereby reducing the Permittivity of Free Space by increasing Media Density (Plasma in this case). The Magnetic Axi and Kinetic Axi (Thermal Cold/Hot Transport) are still free to wiggle, stealing excess Electron Axis, by heating and cooling, (Absorbing) and converting the excess electrical axial vibration into more heat. As a student of Antigravitational, Electric FIELD-generation Propulsive Spacecraft Engineering, you must gather lots of Mechanical and Electrical knowledge and utilize in new methodologies to Apply in your Engineering in safe redundant long life in space vehicles. Designs need to consider Outgassing. Some metals like aluminum will eventually disappear into space as Diffuse Dust. An example of tooling up your knowledge base: What Sealants have long term studies to determine what Sulfated Aviation Fuel tank sealants have a life span exceeding 100+ years of service. While retaining most of the Modulus of Elasticity the entire service life.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @Wilderlurker @VeilPiercerBufo @ashtonforbes @elonmusk
I'll take my Big Pig Test bed and beat you by 50 minuets.

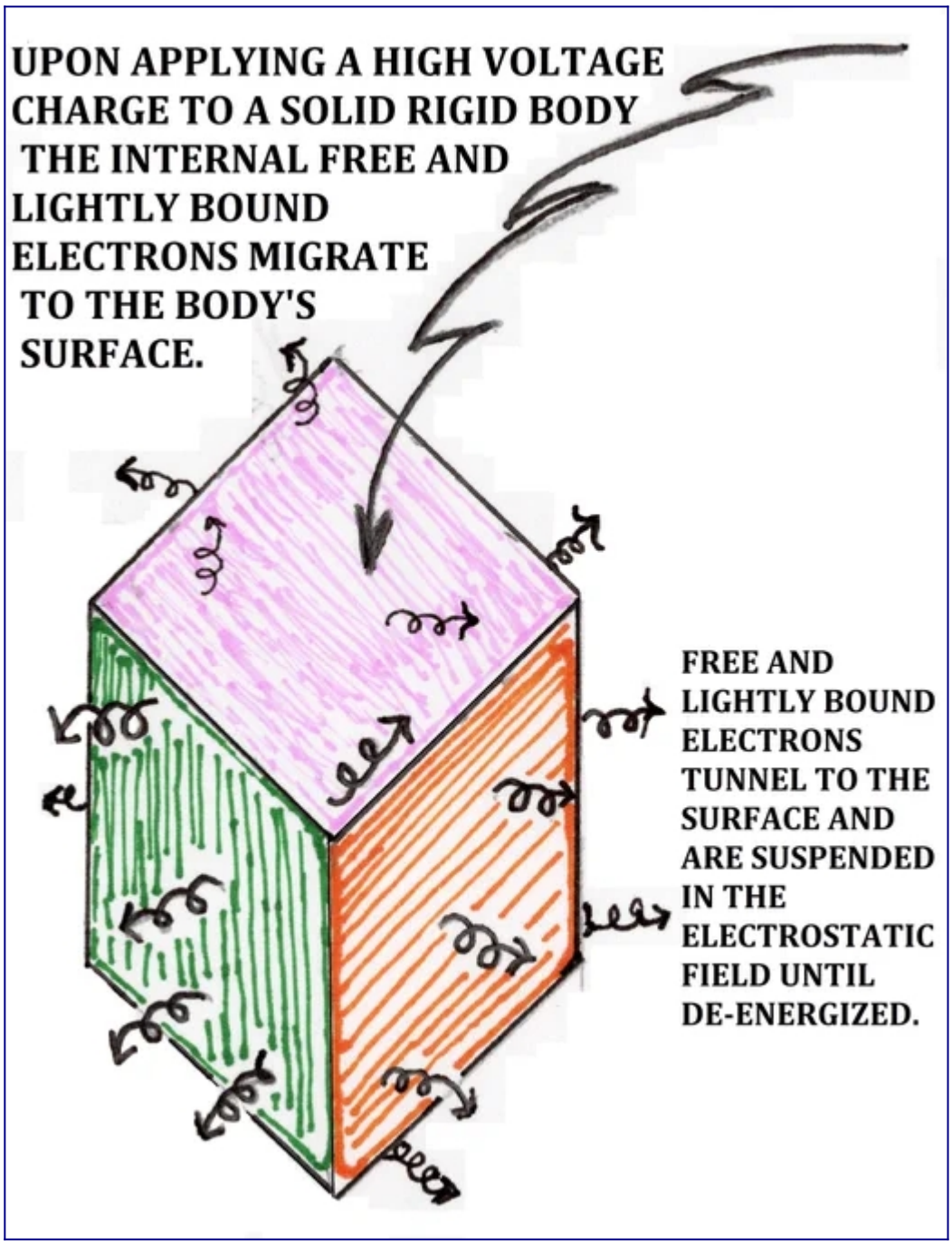
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @Michael_Yon
The Atlantic Council sees Russia's territorial resources as their Corporate stolen property.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @MWeintraubMD

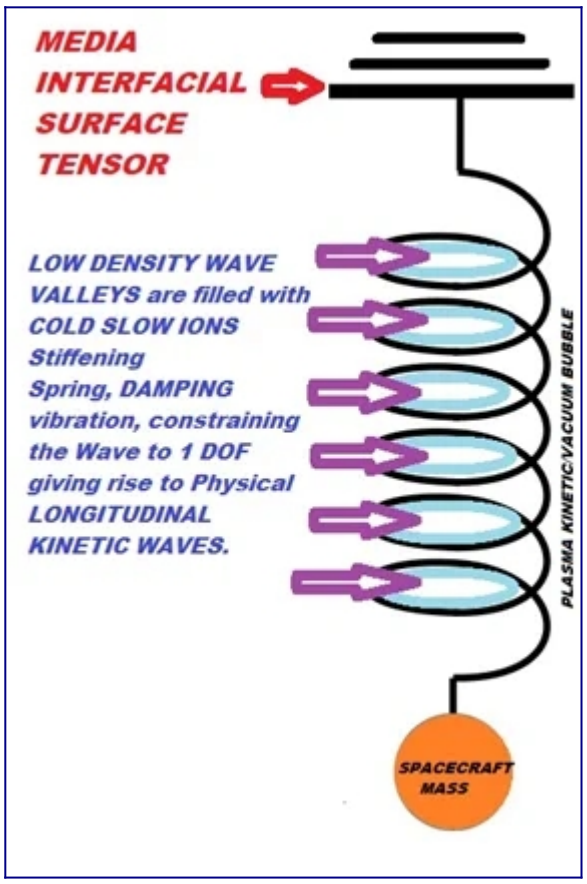
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @elonmusk

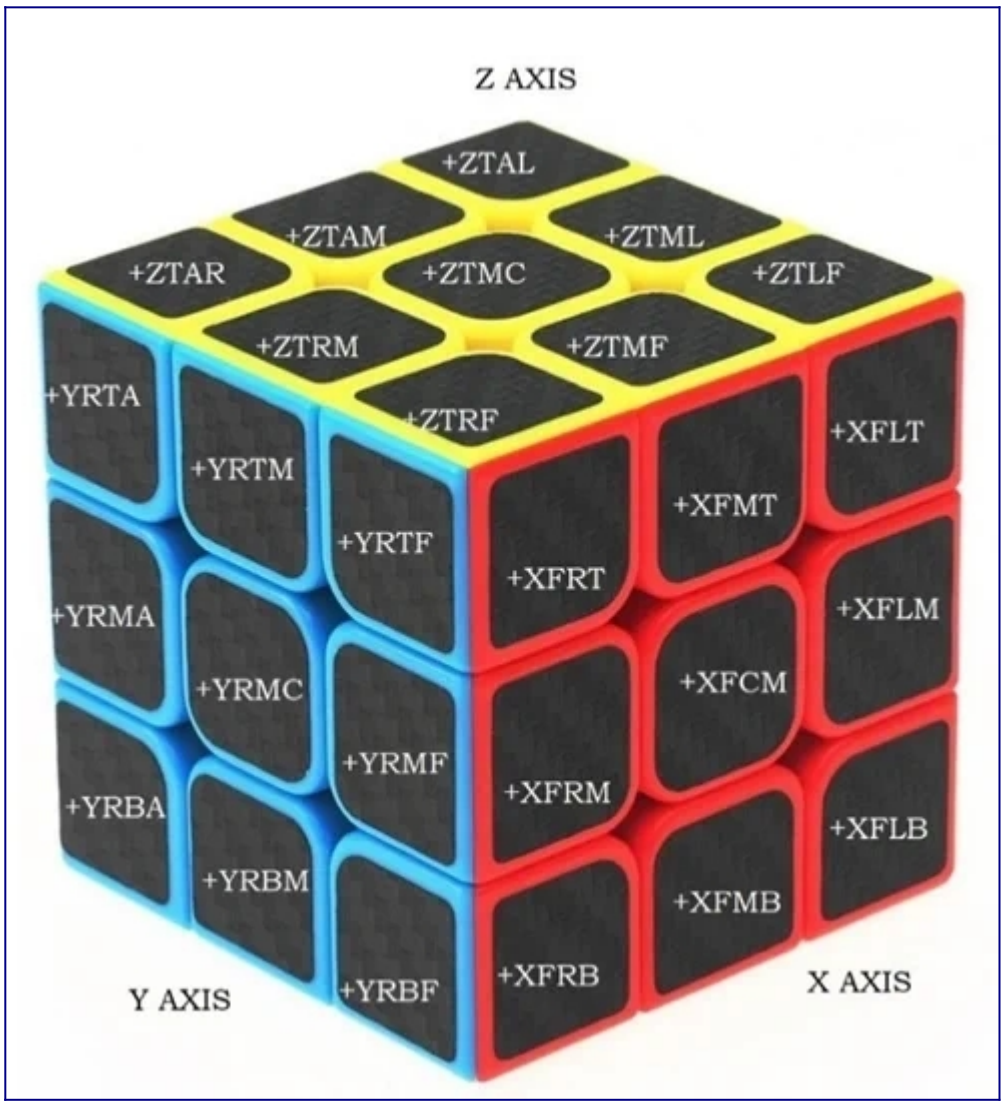
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @AtlanticThoth
Self entitled Aliens with blue hair.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Just for Clarification, Tesla's 3-6-9 is a reference to Nuclear Transport Force. Tesla's 3-6-9 comment refer to 3 Axial Force acting upon 1 single point (the Zero Point in Axil Local, just an empirical

reference point) That is the 3. The 3 Forces, anchored 90° to each other, present 6 reflecting Planes or a cube shape, whose center is the Zero local. That is the 6, Natures Cubical Transport geometry. The 9 is natures empirical Gaussian Force Transfer Matrices, what Pauli and Heinsberg saw. The Ribik's Cube shape of a 3x3x3 Array is utilized to show Force Transport, where the center of the cube is your Antigravity Spaceship's Variable set, and the surrounding Cubes are the Media Field.



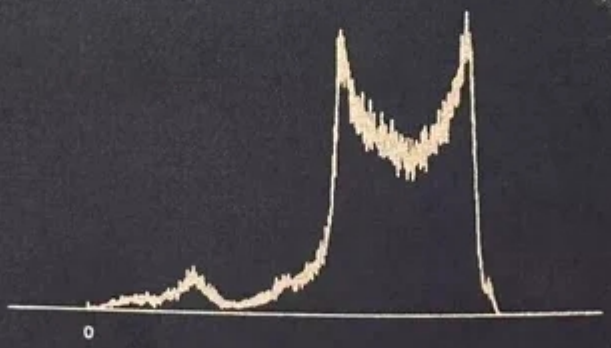

UPON APPLYING A HIGH VOLTAGE CHARGE TO A SOLID RIGID BODY THE INTERNAL FREE AND LIGHTLY BOUND ELECTRONS MIGRATE TO THE BODY'S SURFACE.
FREE AND LIGHTLY BOUND ELECTRONS TUNNEL TO THE SURFACE AND ARE SUSPENDED IN THE ELECTROSTATIC FIELD UNTIL DE-ENERGIZED.


MEDIA
INTERFACIAL
SURFACE
TENSOR
LOW DENSITY WAVE VALLEYS are filled with COLD SLOW IONS Stiffening Spring, DAMPING vibration, constraining the Wave to 1 DOF giving rise to Physical LONGITUDINAL KINETIC WAVES.
PLASMA KINETIC/VACUUM BUBBLE
SPACECRAFT MASS

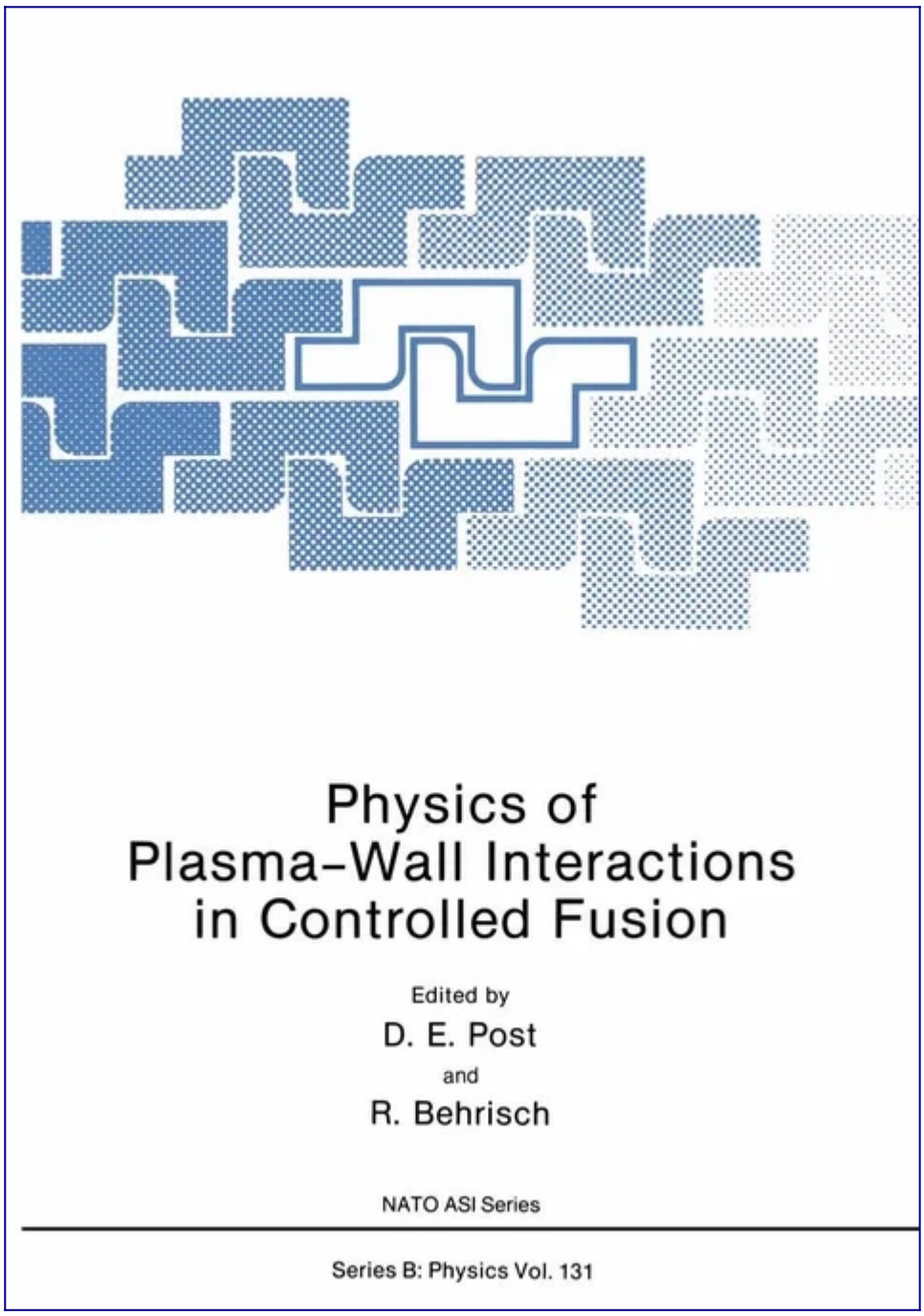


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @LACENxARELEA @frothycapital @ashtonforbes
Read books like this.

The sheath of an RF plasma: measurements and simulations of the ion energy distribution



R.J.M.M. Snijkers



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @VoxOcculta589 @ashtonforbes
I do peer reviews. What does it matter if my resume is Fake and Gay. If my review has suggestion for critiques, and is Jaw Dropping, Would the resume matter? A good Work stands on it's own legs.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @marinesoldgie @elonmusk
You are Uneducated.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @StellarCloudz

Lucky Palmer is Fake and Gay !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @AtlanticThoth
Your undersea base has a NO2 issue needing Engineering assistance. Your undersea Military base smells like Urine !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @matt_moebius @TrumpBaroon
What if Bob didn't want the Files open. I like Bob. What if Bob failed his initial Pee-Pee Test and never got past the Fake stuff in his employment attempts. Element 115 is Fake, Gravity Amplifiers are Gay. Time Bending, Fist Me in my Warped Blackhole, "Word Salad" , indicate lack of Elementary comprehension is Fake and Gay. Ion Thrusters and idolizing Elton John for singing Rocket Man !. I am Fake and Gay !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @MrUfoman90728
I'm going to go to the Moon and Build a Cadillac Ranch on the Moon with Model Ts, Boattail Cadillacs and tesla Model 3s. I going to go to Mars, just to throw Trash out and leave.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @AshtonForbes @ashtonforbes
You are making a Fine Antigravity Spacecraft Engineer Ashton. I like 'Electric Propulsive Spacecraft' as preferred Nomenclature. I will take you to Mars in 3 years with my Big Pig Testbed.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @LilithDatura
MK Ultra or Not Those $1500 dollar Shoes say Spoiled Fratboy to me.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real
Your Hydrodynamically going no where !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @bccscl @dutch1777real @truthtold24
"They" can place Drug users instantaneously into Hypnotic trances with a special Transmitter technique. Makes you sleepy/drowsy otherwise. Most effective on Opiate addicts even when they sober. (Hits same area of Brain as Fentanyl receptors.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real
ENRON had whitepapers on Freezing the Ground Water with CO2, for the purpose of Ransom. ENRON had whitepapers on FORCING the USA on a Windfarm and Smart meter Scam where

electricity will be Browned out to drive prices up. ENRON masterminded the current Texas Electricity Scams. Enron masterminded the Giant Natural Gas Tading Price Scam to keep prices up. That was all before they got RAIDED for Fixing Natural Gas Prices with the assistance of the State of California. Enron was a Criminal think tank, pumping out Whitepaper Plans for Corporate Fratboys to destroy the US Economy through State Street and Blackrock.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real
Non-Propagating Sheets. Look at Hummingbird post.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @bccscl @dutch1777real @truthtold24
You can "Boot" a real antigravity spaceship to a LOCALITY, (even unknown crappy ALIEN technology) Booting would get the occupants/Operators attention. The Boot device is a Trailer or Truck bed mounted device. The Boot device is remotely triggered, You cannot be anywhere near when it "Boots It" due to the Vacuum extending toward the ground plane, perceived as a 1 DOF Force Field.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real
Instability from protrusions will collapse the Plasma's Vacuum Bubble due to M>1.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @bccscl @dutch1777real @truthtold24
The Fake Invasion will be interrupted by an new technology that can deliver commercials to the sky above you. With Audio,,, Patents for Orbital Spaced Based Audio Projectors, that I designed. Commercial use of Blue Beam for advertising. Ruining their show with my Ham Faced Rant on no Laws against Orbital Advertising..... With Deep Base from an Orbiting Array Platform and Aerostat based Full time surveillance system. SORON - Stratospheric Observation RADAR and OPTICAL NETWORK. about 200 over US, they don't drift after they get, Way, Way up there.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @PaulParkerG @ashtonforbes
Please assume I lie and we will get along nicely.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real @bccscl @truthtold24
They need to smash one and find out. Active Denial system are 100% Drone Killers. They burst into flames..... en.wikipedia.org/wiki/Active…

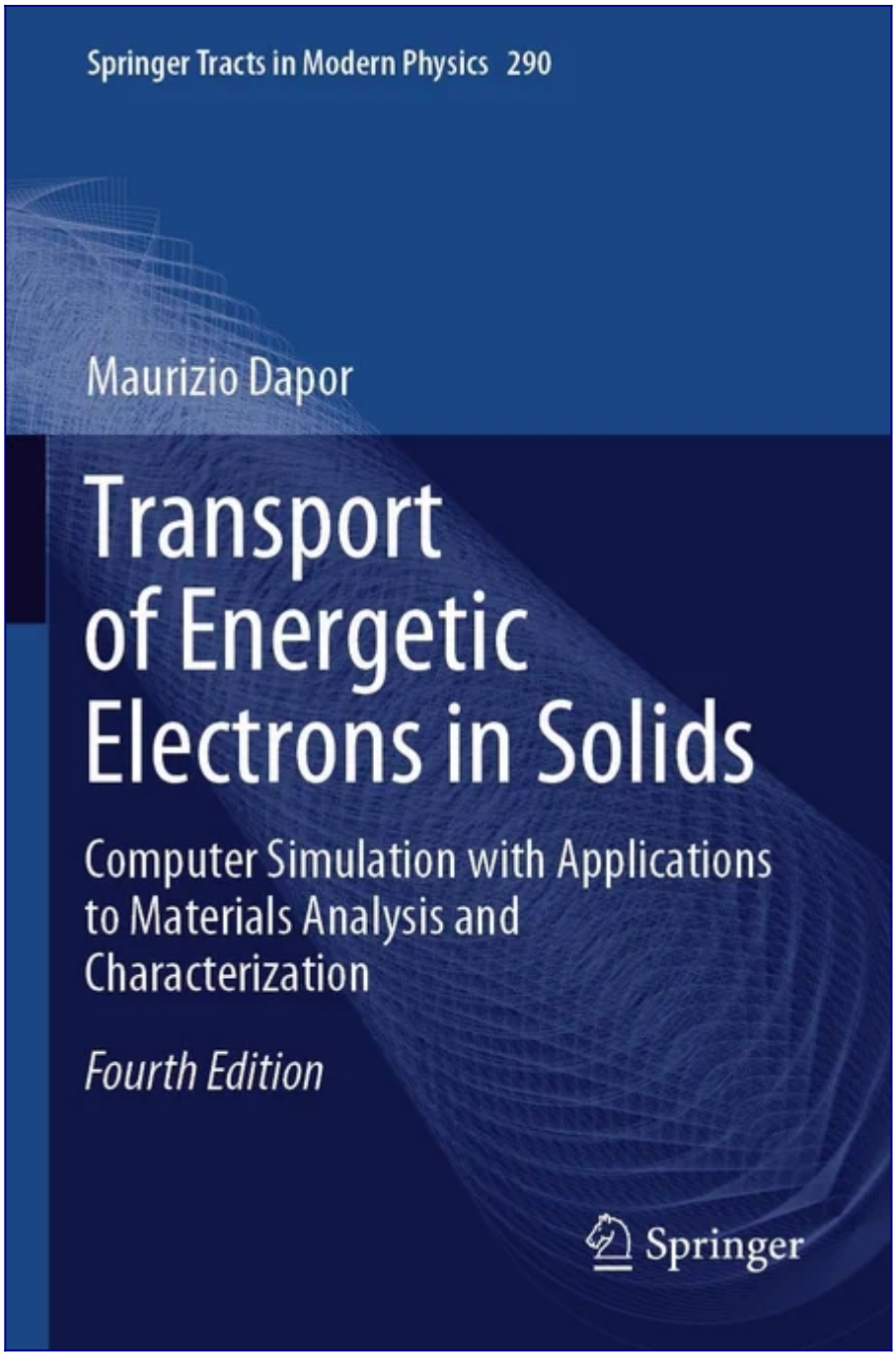
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real

You cannot shoot projectiles from these vehicles. You can slowly release a vehicle from within another vehicle, but slowly, keep plasma Vacuum Turbulence M<1. I have many posts on this methodology of antigravity. RF Sheat prevents RF Radio propagation with in the Plasma Vacuum Bubble. Beam Weapons and other methods can be adapted for weaponry. This methodology is cheap, Mega-whore efficient, utilizes conventional materials and conventional technology. There are other, less mature antigravity methodologies out there. These are the technical methodology utilized in my experience.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @mamafi_platform @ashtonforbes

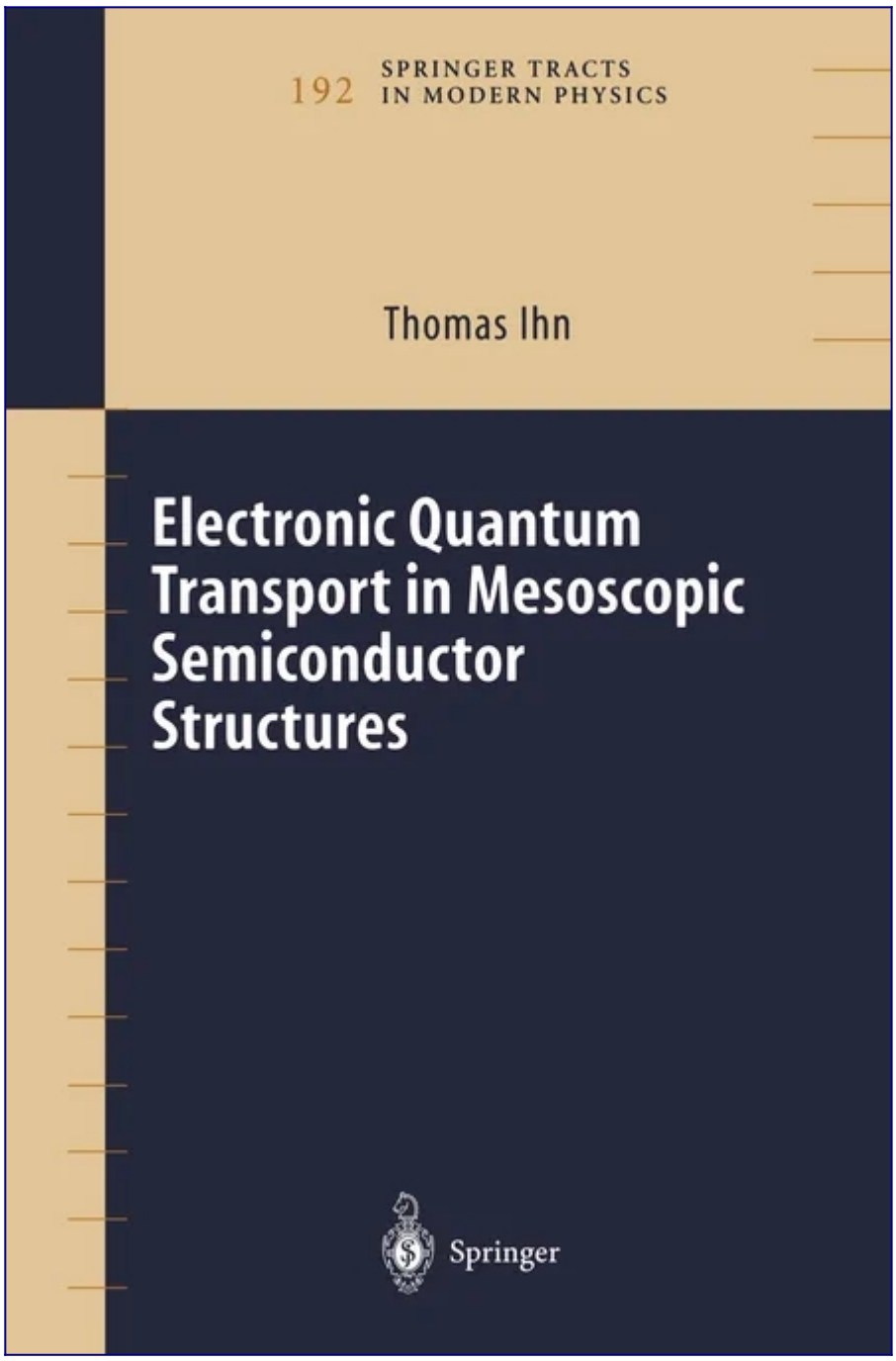
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @dutch1777real @ashtonforbes
Severe Neurological damage, loss of Motor control in fingers, no fine dexterity, both hands form IED.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @wavetossed @ashtonforbes
God Bless You, Citizen of EU, whom has no Taxation Representation.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @AshtonForbes @ashtonforbes
Let's assume, I am a LARP. It makes our relationship better. God Bless you Ashton.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @AshtonForbes @ashtonforbes
You can store Charge in any Plasma, like a Battery. Antigravity vehicles blow up a large Plasma Vacuum Bubble like a balloon. Methodology in movement of antigravity vehicles is to grow the field, then dissipate it in the path of desire travel, where the vacuum sucks you along frictionless and weightless, trying to achieve a point of equilibrium where center mass is in center of Plasma Vacuum Bubble trying for a state motionlessness with in the Plasma. Attitude Vectoring is the same as weightless spacecraft, you can turn while moving along your VECTOR of TRANSPORT. So, movement is displacement of mass concentricy to center Plasma Vacuum Bubble. Because a Plasma is non propagating when stable, it's energy goes to the outer edge of the plasmas bubble, where sheets of electron grow to extreme temperature they push the atmosphere away. Antigravity vehicles don't waste energy, exhaust does not propagate, giving rise to the illusion these vehicles require Jillions and Jillions of Mega-whore watts of energy. These vehicles have a small dissipation rate, they are very very energy efficient (Soliton Vacuum Sealed Energy), use conventional materials and conventional

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @Michael_Yon
You good work. God Bless You Michael Yon. Seriously, a bunch of Covert DOD program Engineers were forced out of the military by CoVid Nazis and will be dumping our God directed

Antigravitational research for all to see. No secrets. I was trash cause I would not wear the MASK of a SLAVE. God Bless You Michael.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Dec 2024
Replying to @Michael_Yon
That study defies their Education. The invisible part is a Fraction Electron Eddy that instrument cannot detect with the methodology they utilized. I eat one of these monographs a week.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Dec 2024
Replying to @Mukshud @mukshud
Plausible Deniability. They, most likely, transferred to the Gates Foundation.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Dec 2024
Replying to @LilithDatura
Here's how that works !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Dec 2024
Replying to @UFOJukebox

Lithium Ion Batteries will, instantaneously discharge when subjected to High Power Microwave, Millimeterwave or X-Ray Laser (MASER). Discharged battery is due to, Ions to going into TRANSPORT at these energy level.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @lovinGrapeJuice

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @BTCmeansfreedom
Russians have High Velocity, extremely elliptical, Orbital path, on their reconnaissance satellites. At the lowest Periapsis it is between 27 and 31 miles per pass. It could be a satellite dropping out of orbit slowly. You must slow the satellite, sometimes, to put your window of destruction over an ocean if possible. From an Analytical point, there is not enough information for other than speculation.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
2,176 Microphones utilized to study Humming Bird Wing Dynamics. And we lovingly feed them Sugerwater ? phys.org/news/2021-03-techni…

New measurement technique unravels what gives hummingbird wings their characteristic sound

The hummingbird is named after the humming sound it makes when it hovers in front of flowers to feed. But only now has it become clear how the wing generates the hummingbird's namesake sound when it...

phys.org

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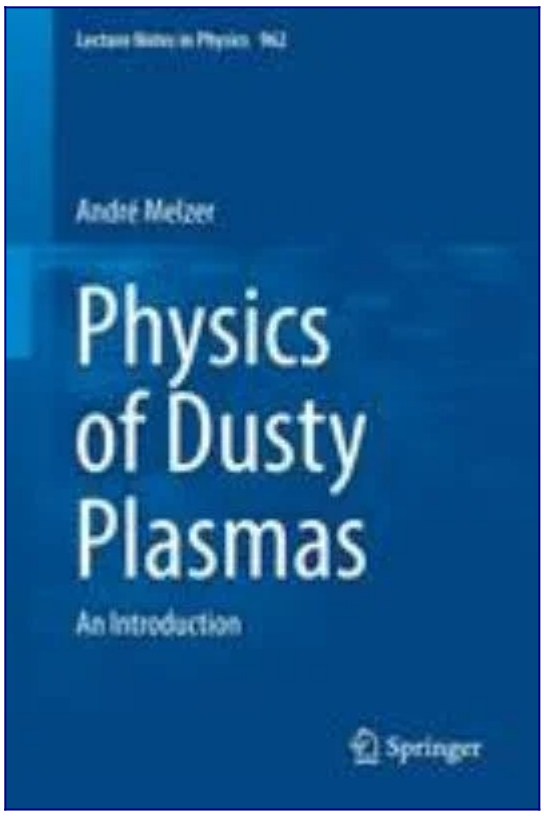
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @HarrisonHSmith @realchasegeiser
CIA prison brakes Al Qudia out of Syrian Jail to fight Iran.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @Chicago1Ray

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @gregreese
Dust in atmosphere ignited by lightning. Seen regularly in Equitorial Africa, near Sahara.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @Ikennect
The FBI CoIntel "Patriot Front"; has been found to be FBI Informants, (Paid Criminals), Sissy-style infighting, among their social media post, has determined they mostly the same ANTIFA and "transhuman" trash from the 2016 to 2020 'My Butt Hurts' Riot season.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @AbujomaaGaza
Thanks to Allah and the CIA, Many freed prisoners will be recruited (Human Trafficked) by the CIA, to their next War in IRAN. Yes, they free them to force them to fight for them as the CIA, as they did in Afghanistan. Afghanistan kicked off for the USA, with a giant CIA planned Afghanistan Prison Break. Remember the "Whole War on Terror 2", started with CIA ran prison brakes in Lybia and Afghanistan to get persons for all those Weapons sent to Benghazi for the Purpose of Overthrowing Quaddaffi. In 2008, the Afghanistan Sarosa Prison Brake was arranged by the CIA to "Human Traffic" the newly freed Prisoners to Syria as a "NEW NAME" every month CIA ran opposition force, where they got massacred by Syria and Russian military.
en.wikipedia.org/wiki/Sarpos… Here is how the CIA got the weapons for their "Al QuaCIAda" Army when they started running out of weapons. gunowners.org/oped06062013b/
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @ousiaenergia @ChiefDinger
There has been no effort to conceal Academic Information. There is a breakaway civilization group who "Buys" technology and doesn't engineer it. The breakaway civilization is composed of Spoiled Mega-Narcissistic Nationalist (theirs) Socialist Democrat (Workers Party). American Federation of Communist Scientist. They only talk, social issues only. They are the Master criminal class family. Mostly from Chicago. Narcissist, Academic Charlatans and Gatekeepers(for PsyOps) may say

otherwise. I see Antigravity in every Thermodynamics Textbook, Every Plasma Fundamentals textbook I open. In antigravity research, You must have a Universal Comprehensive Understanding across several disciplines of study and multi-PhD 'Applications' knowledge base. This can be taught as a Trade but is difficult to teach as a science due to the Narcissistic repose from Academia these days. Right now, the newbie Antigravity Spacecraft Engineer should be accumulating a Mountain of used Plasma Physics textbooks, as they are cheap on Amazon and Ebay. Corporate, industrial, Government and University Libraries are removing textbooks off the REFERENCE LIBRARY shelves, in preparation for the next phase of Social Engineered Dumbing Down. Many Graduate Students, today, have never heard of a the concept of the Industrial Reference Library. If you have a large number of PhDs working for you, and give them all the reading material they want to eat, they give you back presents. When I was young I had access to the Texas Instrument Industrial Library on Saturdays and read hundreds of TI REFERENCE Library books. I will point at the most critical information in Academia to help convey comprehension. You can lead a Horse to Water, but you can't make him think, he has to do that on his own.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Dec 2024
Replying to @ousiaenergia @ChiefDinger
Working at AFIT/ATEC and AFMC research requires any action broken down in Linear Discretion Time. Einstein's C, the one tied at the hip to dimensional space, doesn't work in Computation Fluid Dynamics where dynamics are linear. Einsteins C has a very narrow of Validity, just above the Cosmic Thermal-background level, where M<1. He specified a window of Statistical Density as his BOUNDARY of Validity. He left the NON-LINEAR SHOCK and contracting shockwaves to the NEW boys but today the NARCISSIST cry Einstein was Wrong about something they don't comprehend, showing they are blind. Einstein didn't follow the massive Dispersal Function Through, to find new validity, because he was getting to old and not getting assistance from any peers.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @vegastarr
MMMMM...

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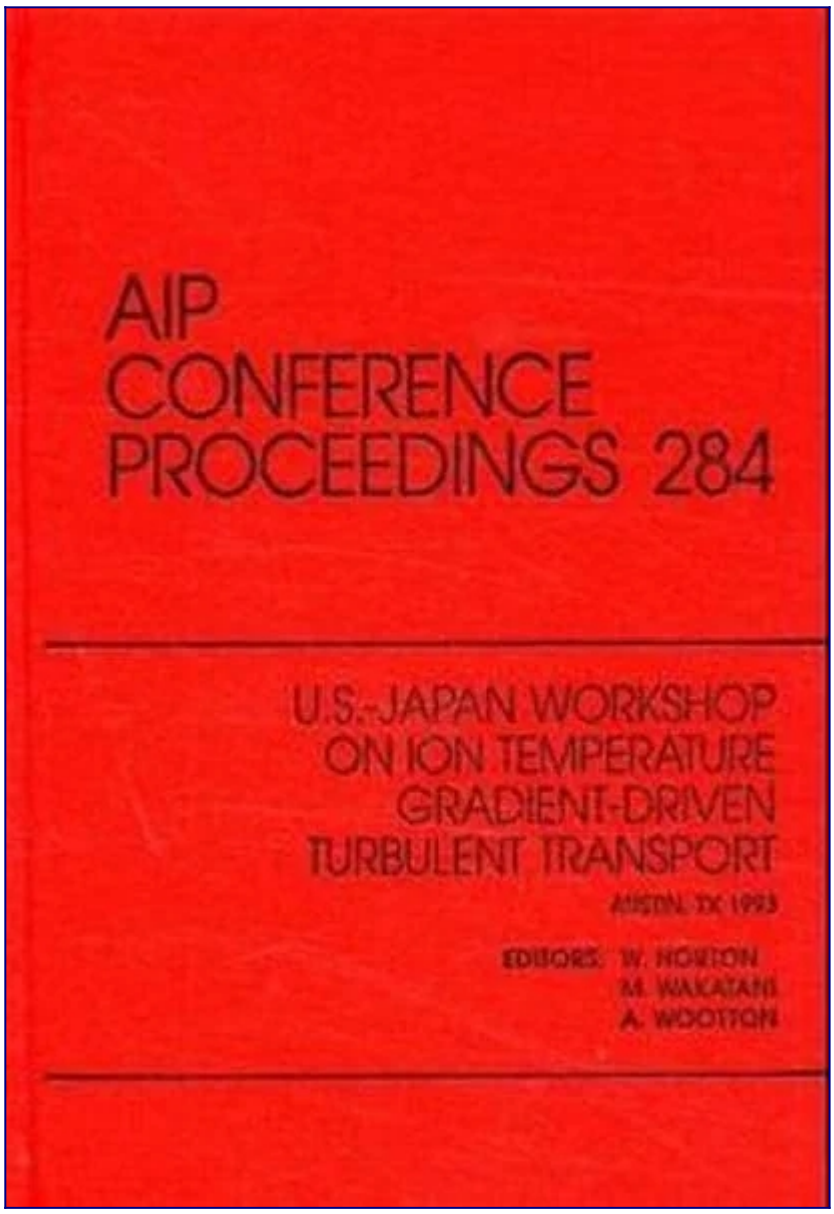
@TMBSPACESHIPS
9 Dec 2024
I lived in Austin when going to UT. I lived off Guadalupe near the DPS HQ. I went to this Concert in Austin in 1993.

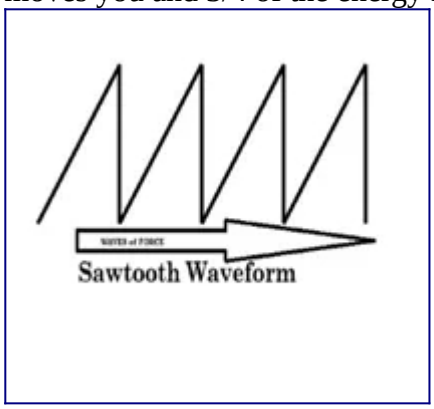


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @AshtonForbes @ashtonforbes @TRHLofficial
Non-Locality is taught in the subject of 1st through 5th Order Reflections in Tomography. needed for Imaging Macro-Geometry Differentials.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @ChiefDinger
Antigravity Physics brings the whole world of math, Dynamically together into a, narrow focused, technically confusing, knowledge expanse, that many, will fail to make the Journey to Comprehension because it is too long.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @VPHM
So, what if my Plasma has Cryogenic IONs and super hot, Million degree Electons, in it's statistical distribution ? Is it then a Hot or Cold Plasma ? because that's what's involved in Antigravity Physics.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Kinetic Coupling is LINEAR, moves with a Quarter, 1/4, Wave transport Motion. You could say a wave transports both forward and backward in 1 wave cycle but the forward motion has a tendency to TRANSPORT you away from current local. A Linear 1/4 Sawtooth Wave represents a Wave in FORWARD MOTION, with no RELAXATION (Aftward renormalization. Always PHYSICALLY moving forward, never backward. Also, the whole universe is always moving, never is anything not moving, unless it's artificial. Floating in it's own self-generated Motionlessness. 1/4 of the energy moves you and 3/4 of the energy is conserved.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @BrandonFugal @TrulyAmRobin
God Bless Kristen and Brandon Fugal !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
You have to teach yourself everything in Antigravity. There are no General Antigravity Physics Textbooks Yet. There is NO FIELD of Antigravity Technical Sciences to Academically Study. Antigravity technology is not hidden. It is only hidden from, YOUR UNDERSTANDING. Antigravity is in the textbooks, naked for those that can see it. When someone tells you you're wrong even though your experience and education Trumps theirs'. They reveal themselves as a Blind, Deaf person. I always leave every PhD Physicist or Engineer, stunned-Slack-Jawed-Breathless after a short conversation and must cut it off after he start really understanding NUCLEAR FORCE TRANSPORT at it's most Elementary level. (Mental overload.) The IN-YOUR-FACE answer as to why we don't have Commercial Antigravity Vehicles: We really and truly, do live in an Idiocracy. The United State's Education System has been managed by Fabian Socialist for the purpose of Dumbing down the US Populate at All Levels of Education. to make "We the People" more Plebe-like. The Core of the Jacobian/Franciscan/ Social Programming-ENGINEERING (Hidden Liberation theology, Satan hating his Father metaphor), relies upon a narrow information programing window, where Narcissistic and Arrogant Characteristic traits are abhorrently amplified (rewarded) for the purpose of making a Chicago Designed, American Federation of Scientist approved, and standardized to an obediently confused, MSM-Mob Ruled NPC. At today's public schools and Universities, Idiots are programed to think they are smart because they have been taught to SELF-JUSTIFY Poor or abhorrent behavior. The Technocracy relies upon standardized Behavioral Modification Techniques to keep abhorrent behavior as a Social Standard, preventing the intake of information (educating self). The Evil Empire, (Chicago Neo-Liberal Progressives), have purposefully utilized programs over the last 70 years to DUMB People Down at ALL LEVELS. MOSTLY PhD Level. At the Local Level, Public School Level, they

Rolled out the SAME DUMB DOWN the PUBLIC PROGRAM, repackaged every 10 years. We had bull crap like, OUTCOME BASED EDUCATION, Thousand Points of LIght, No Child Left Behind, Common Core. Next will be "just Emojis" for We the Plebes. The Empire of National ABHORENT SEXUAL IDENTITY PARTY of National Socialist Democratic Party USA, could have, could have, Increased the Education System with though entangling methodologies to teach high level mathematics to young children. The National Socialist Democratic Workers Party of America, whose managed our PUBLIC EDUCATION SYSTEM for over 70 years, could have made everybody smarter, But, they only made the Narcissists Smarter. SO, they could have made everybody smarter, but they made everybody dumber. Their Choice, their Children, except the wicked ones don't have kids unless they took/stole them from someone else. Ion Thrusters are Fake and Gay. If you're working on one, I bet you have Elton John playing in the background, "ROCKETMAN?" Antigravity Physics is easier to comprehend, than you think.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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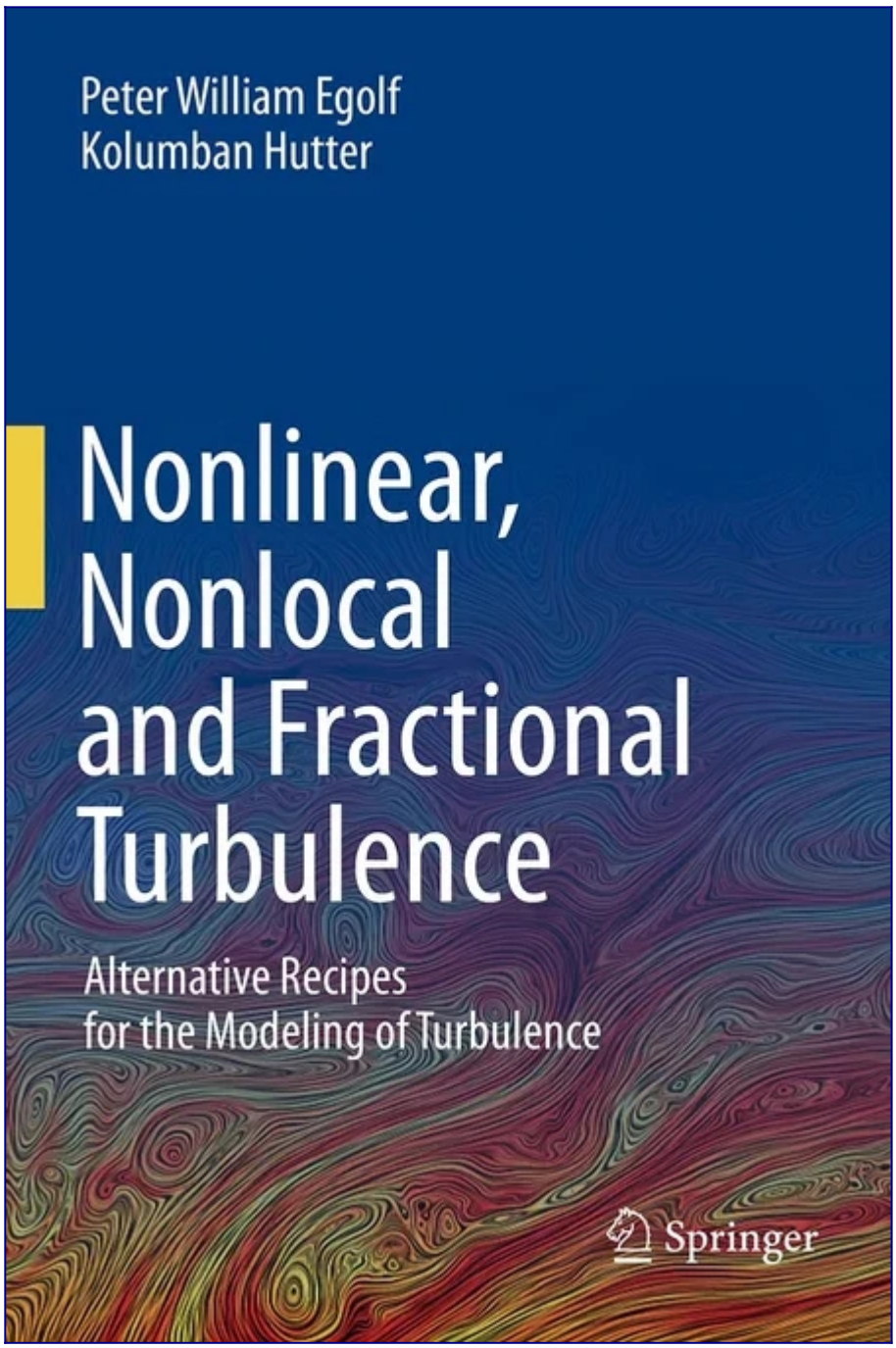
9 Dec 2024

This book teaches you about how the Plasma Vacuum Bubble is squeezed back, pushed, collapses, close up, back toward the combustor/modulators. The shrinkage of the Plasma Vacuum Bubble (when commanded), must Expand or Contract at a Linear, M<1 smooth Velocity rate. When Non linear Shockwaves/ / Mach ≈ >1, occurs from unexpected perturbations. The Electron Nuclear Axis shifts it's energy to either Magnetic or Kinetic Nuclear Axis (Thermal change to Cold/Hot or transport) In Antigravity Physics there is only Plasma, not Hot or Cold, just plasma (Electrified Gas). Plasma loves Linear smooth motionlessness Equilibrium, if allowed. It likes to swell by stripping and enslaving the Electrons to the Outer NON-Propagating Thermal Barrier. At the PhD level you are supposed to be taught how to adapt conceptualized methodology of the Standardized Differential with Boundary layer techniques to see the Patterns of Nature, where you can adapt unrelated know functions to determine results. Point being, You have to study Boring Fields to find "Patterns" in Subject Elements unseen.



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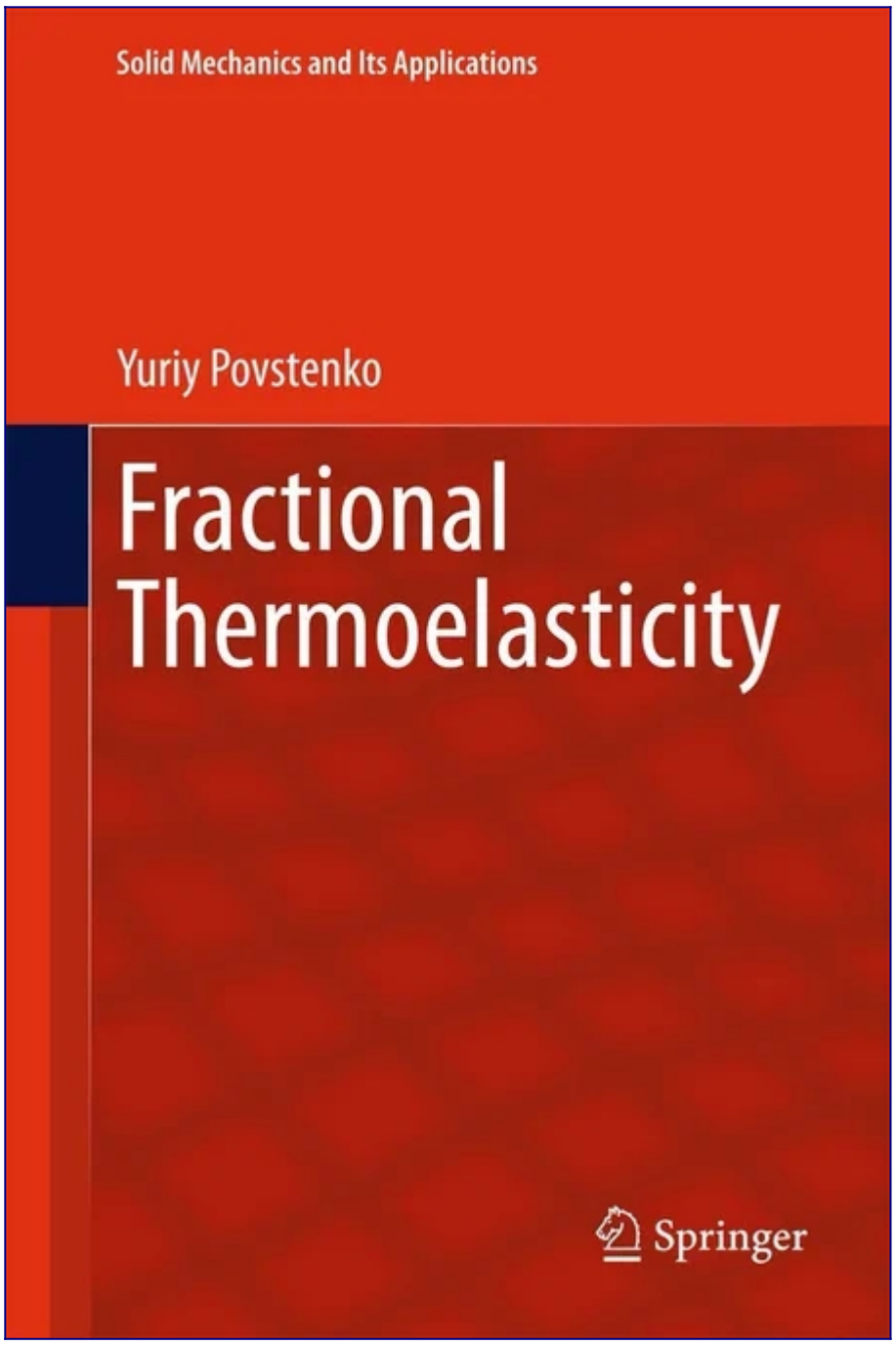
9 Dec 2024
Core of Antigravity Plasma Dynamics. STREEEEEETCHHHING KINETIC COUPLING...



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9 Dec 2024
Replying to @LoganBlack @loganblack

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9 Dec 2024
Replying to @goddek
Olaf's "Cum-Ex" scandal is one of Germany's largest tax fraud cases.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
9 Dec 2024

Replying to @AtlanticThoth @HiaIchiro7430 @KenjiTakano4
I was told this week they will offer student atheletes upto $94,000 year and they alreadty get automatic C for every class they fail. Many Activist Students are getting $48,000 plus room and meals. This will be my last semester teaching at OU.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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9 Dec 2024
Replying to @AtlanticThoth @HiaIchiro7430 @KenjiTakano4
I write a length piece on conservation of energy. In the Electron's Lattice of Continua, the 2 DOF motion, along a 3 Axial Vector, Nuclear movement, has Correction in the Meso Inter Facial, Meso-Plane, Macro to Meso and Macro Interfacial and Macro-Plane Velocity correction across all media regions of selected density gradient. Most people have no understanding of the Factoring of Group Velocity at all Nuclear Scales and Interfacial Linear and nonlinear Group Velocity Phase Alignment in Wave Propagation and will only focus on a corner in the frame they want to see. When shock occurs across a Phase Changed Media Field of multiphase regions in the Media Field, Fractional Electron Result in Tunneling Dispersal, which is also no understood by the armchair Physicist.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @AtlanticThoth @KenjiTakano4 @HiaIchiro7430
We are are own LOCAL HANGOUT.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @AtlanticThoth @KenjiTakano4 @HiaIchiro7430
There is a Lack of NUCLEAR TRANSPORT information on the Macro to Meso to Micro Nuclear Scale rendering poor comprehension of INTERFACIAL FORCE TRANSFER across 1 DOF and 2 DOF vectors being on a 1/4 wave Propagating across 5 Media Velocity varying Fields at all times, requiring knowledge of Volumetric Eikonal Mass Transfer Corrections. A real Instructor will Stoically (Spock-Like) point out your misunderstandings or lack of knowledge in a diplomatic manner. You can discern the Charlatans of Science by their immediate ridicule of something they have no understanding of.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
Replying to @AshtonForbes @ashtonforbes
The telepatic Alien stuff pays more money ! But in the END, You must answer to GOD for making money by lying.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Dec 2024
University Michigan Physics Dept. Professor rips DEI, calls it 'systemic racism', 'Socialist Grift'.
youtu.be/watch?v=NcfqPgfd…

UMich physics professor rips DEI, calls it 'systemic racism'

MIC DROP: Physics Professor Keith Riles made the University of Michigan Board of Regents squirm today as he called DEI 'the only systemic racism that has per...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Dec 2024
Nice Old Keith Riles Video. Keith taking names, kicking @$$ youtu.be/watch?v=21Ong-aq…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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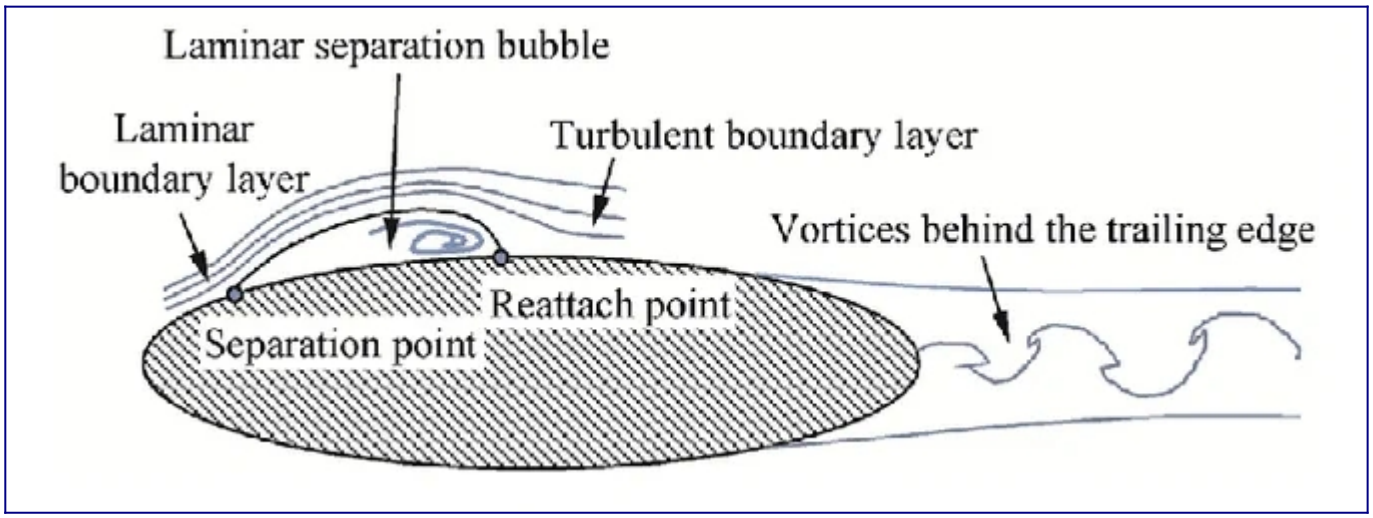
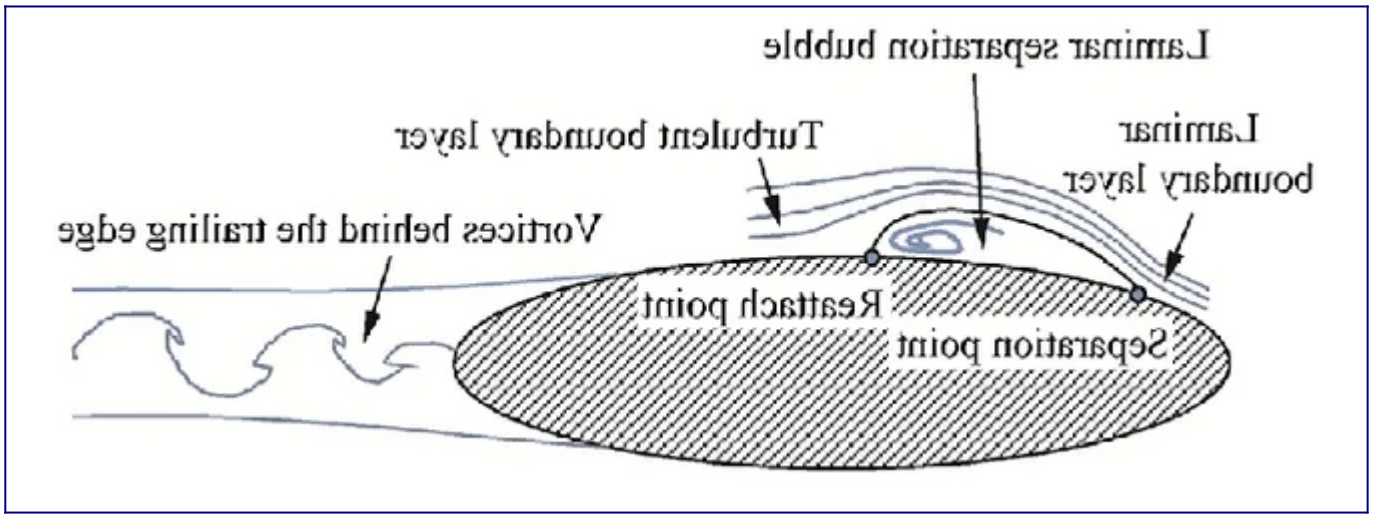
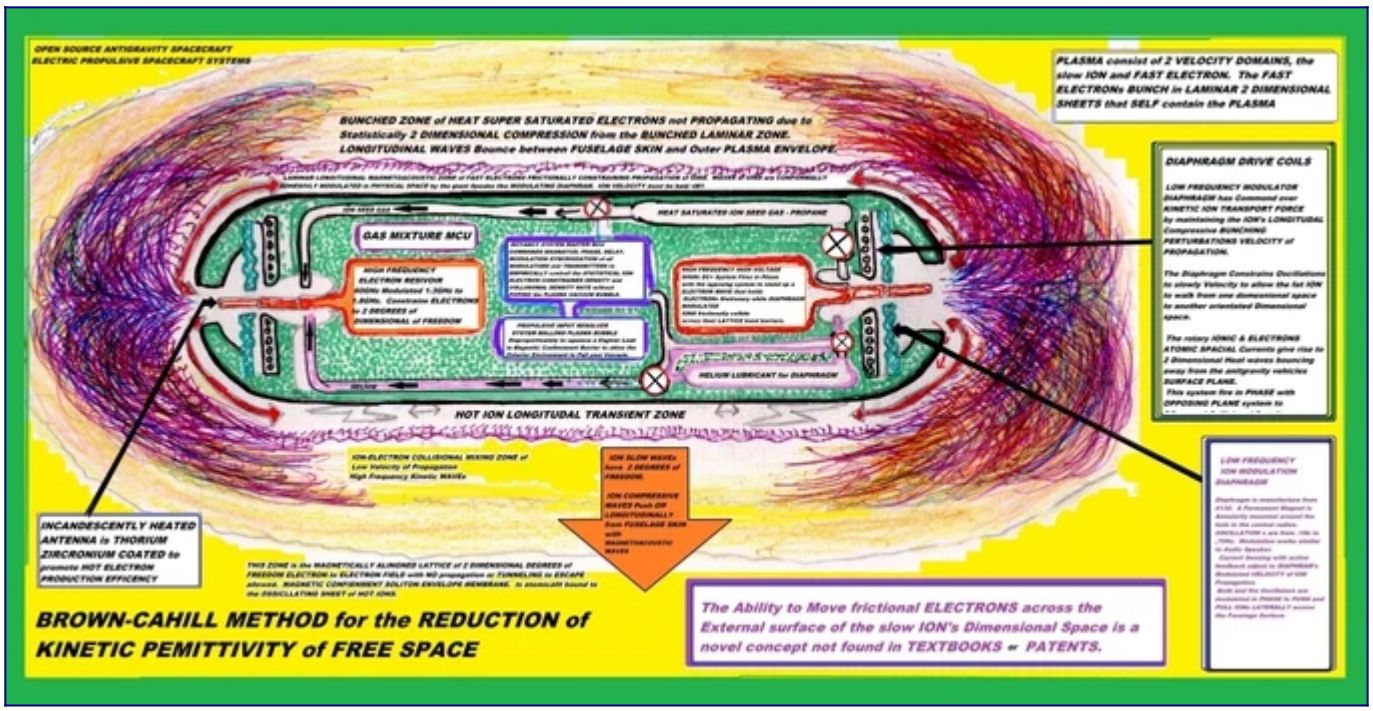
8 Dec 2024
With Force of God breath, Back and forth, back and forth, back and forth.







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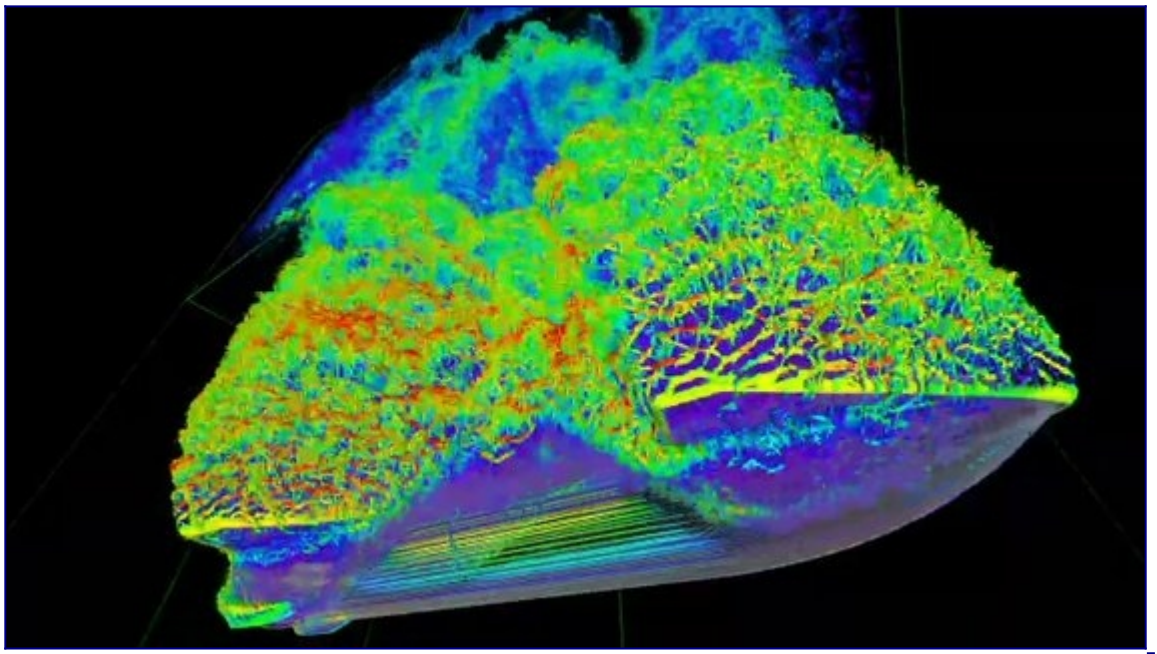
8 Dec 2024
Beautiful CFD. youtu.be/watch?v=XKhe-rAJ…



SpaceX Starship Belly Flop CFD Simulation in 160GB GPU VRAM

FluidX3D source code: https://github.com/ProjectPhysX/FluidX3DStarship doing the belly flop in #CFD. In this 3 billion voxel #FluidX3D simulation you see how...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

8 Dec 2024
Replying to @RogerJStoneJr
God Bless Roger and Nydia Stone !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @TOEwithCurt @skdh
Food for thought, DYNAMIC VOLUMETRIC Gravitational DIFFERENTIAL Volumetic GRAVITATIONAL Field in simple r3 Volume. Define Gravitation as Electrostatic Field Expansion or Contraction.

$$F_1 = G\,\frac{m_1 m_1}{r^2}$$

$$F_2 = G\,\frac{m_1 m_1}{r^3}$$

$$F+ = \frac{F_1}{F_2} \quad \text{and} \quad F- = \frac{F_2}{F_1}$$

F + is Displacement Object (spacecraft) within the Gradient (Gravitational) FIELD $F+ = \frac{G\frac{m_1 m_2}{r^2}}{G\frac{m_1 m_2}{r^3}}$

This is the FIELD Gradient Surrounding the Spacecraft $F- = \frac{G\frac{m_1 m_2}{r^3}}{G\frac{m_1 m_2}{r^2}}$ it is the 1/3 outer Volumetric Surface Space.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @PennysThoughts2
Media or Field. Waves Traverse (Transitive) a FIELD.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @ashtonforbes
This Thunderstorm Generator (should have encabulator in name) utilizes same Plasma material processing principal of Ambipolar Diffusion to break up all compounds with a Jackhammer to the Electrons 2 DOF which kicks back with heat on the fwd side of a wave and cold on the other, but the heat is accumulative due to whore-like behavior of the poor dissipative electrons region has a JOHN called the Ion ready to collect his fair share of the collisional process.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @a51s1 @RonyVernet

All Floaty things are conventional vehicles once Theory of Operation is comprehended and understood.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Many DOD/DOE antigravity vehicle carry Amorphous Silicone Structured Electret Nuclear Valence Driven sublayer metal spheres about .25-meter diameter, on the interior of the vehicle, They deploy one, during long hover in place flight operations as a secondary redundant instrument similar to an aircraft's "YAW STRING"(or deploy in the event on board instruments fail.) The Amorphous Silicone floaty spheres are unpowered and hollow metal "BOBBERS" looking only for locals of Tiny, Tiny Motionlessness. The Amorphous Silicone floaty spheres serve the Purpose of analog detection of PLASMA "Vacuum Bubble" Collapse. The Amorphous Silicone floaty spheres, float around the vehicle randomly, in a slightly tiny, tiny negative-equilibrium, within the plasma, at the outer beginning of the Logarithmic thermal zone, indicating an more stable plasma vacuum bubble, the further the Amorphous Silicone floaty spheres are away from the vehicle. NOTE: They Float out away from the antigravity vehicle, when the field is stable. In hover the small metal sphere can be anywhere in vicinity of the vehicle and will move toward any Field Transport Fractional vector of in equilibrium. The Theory/Principle of Operation The Amorphous Silicone floaty spheres will strike the fuselage (gently at first) as the adiabatic surrounding Media, collapses (pushes back or collapsing the vacuum) the Plasma's standing wake generated vacuum Field. (popping the vacuum bubble). If the Amorphous Silicone floaty spheres approach the antigravity vehicle and instruments are out, you must manually slow feed fuel,(if all redundant systems are out,) to the Plasma Bubble at such a rate, the fuels stoichiometric nuclear expansion time, has a low velocity of perturbation M<1, allowing the Plasma to strip the Electron from the Ions (Ambipolar diffusion) at a critical slow rate, to keep the external combustion thermal zone way away from the vehicle fuselage. (stoking the distance with a fuel such as methane) I cannot answer with any definitive response as to what all those floaty sphere things are , (the newest swarm lately) unless I look at a smashed up one.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @Michael_Yon
If Sikh's are not respected, they get respect the hard way.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @Michael_Yon

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @AtlanticThoth @ChrisKMellon
If you investigate, you'll find the FBI CoIntel's "Patriot Front" has been busted as a bunch of Gay Orgy Club members. They are revealing themselves with Sissy-style in-fighting.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @AtlanticThoth
He's giving you a RAINBOW of a HINT. #sugarbritchescorbell
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @TMBSPACESHIPS @ashtonforbes
US Customs & Border Patrol should have sole jurisdiction of all Space Aliens whatever's. Keep in Mind the Border Patrol was the Heros at the Uvalde shooting, running past the Coward, DEI trained diversity hire local Police. The US BOARDER Patrol should have a small Elite Rapid response Unit of Trained Robot Weapon Systems and System Experts, along with Antigravity Technologies at their disposal in the event some Alien spaceship lands for a fresh Butt-Probe analysis of some old unsuspecting fisherman along the Mississippi river. (That did happen and there is still a Police report open on that Alien-Human Sexual Assault) Seriously, why are we allowing aliens to kidnap and injure people, without Policing their Behavior. US Military should back up the US Customs and Border Patrol only when USCBP's level of technology approach just under a Total non-lethal devastation, then the us military should deal the lethal blow to the alien's level of technology We are very advanced behind the scenes..

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
If you've been in the military, You have a "MILITARY BACK" in covert programs. I hear the NAZIs killed lots of their own scientist to keep industrial secrets for private profit, during the war. Lesson Learned. My brother in law believed Boeing killed military scientist in 1959 to 1963 to try and remove the technology from the US military. My brother worked Navigation Systems for those Programs for over 40 years. Something went on between the Deep State. (around the time they killed Kennedy). and the military, where there was murders committed(hits) of US military personnel, just to take/steal their DOD research and resell it to the USAF as Private research from fake private corporations. I had family warn me well of the dark mechanisms of the Military Industrial Cocaine and Prostitution Complex at an early point in my carrer. Lockheed Bozo types, only have their Frats and Fraternal "BACKS". My military "BACK" goes way up the chain and are friends I helped over the years.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @PennysThoughts2
Because the Universe is always in motion, never not in motion, All MEDIA FIELDS are in motion. Each Media has a parent (energy level set) Bernoulli-type inverse Function of Refractive Index curve that changes under the Medias FIELDs of Pressure, Volume or Temperature changes and follows PHASE RULES. Each Media Field has its own DOMAIN Rules governing propagation and dispersal following structural Nuclear scale downward. Maximum media velocity Boundary is Primary found at the Upper end of Linear Wave Propagation, where the ION moves slow enough the Electron and Magnetic Field stay smoothly fix at 90 degrees of phase to each other. (magnetoacoustic wave) We are at the Macro-Diffuse Nuclear Scale having Volume. There is no Volume at the Micro Nuclear Scale due to the Ionic and Electron 2DOF LATTICE Structure. An Electric Ionizing Field stands up in a STANDING KINETIC WAVE (forward side pressure/aft side

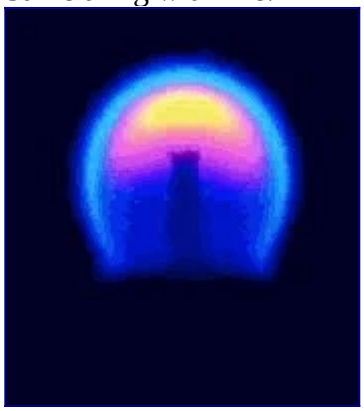
vacuum) as you approach a ultra hard vacuum when generating Plasmas with Ion Seed Gas and Petroleum Ions such as super cold methane.(This can be done in liquid, solid gas or plasma.) alters Kerr Shift. In the Field study of SOLID STATE PLASMA, you focus on the SHOCK PROPAGATION VELOCITY to determine the Bond-Bond structural rigidity by fractional leftovers from ion to ion, ion to electron and electron to electron and finally Electron to Fractional collisions. Numbers in these tiny equilibrium function, used in Antigravity Plasma discrete time CFD methodology, will have hundreds of Zeros past the decimal point. Tiny Tiny equilibriums set the Fields Refractive Kerr Index, giving you the color you perceive.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @JosephPConlon
Creepy like Brian Cox.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @AshtonForbes @ashtonforbes
This "Alien" thing should come under the Jurisdiction of the US Border Patrol, even if they are from outer space. The US Border Patrol needs the capability to FIX in LOCALITY, any UAP, similar to a "PARKING BOOT". Nuclear Damping technology can be applied to a portable trailer mounted device that can be set up and ran to fix UAPs in local, getting the operators attention. They can be caught in a geometrical nuclear scale 2DOF spiderweb. Such technology is capable of being engineered without the Military Industrial Cocaine and Prostitution Complex. The US military should be backup for a US Boarder Patrol Aeial Port autority on any CONUS to Orbit or Orbit to CONUS

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
It's this Hollywood Celebrity endorsed Boeing High tech program involving Backing Dump Trucks up to the back door of the IRS to Load tons of taxpayer fake FUSION BEAM Cash into private pockets.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @AshtonForbes @ashtonforbes
Same thing with fire.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @ashtonforbes
President Johnson oversaw a good portion of the Paperclip Program before he climb into politics. President Johnson's archive had hundreds of boxes of Paperclip Documents at UT in 1991. Barbra Jordan, a UT instructor, tasked some journalism students to go through the Paperclip documents and make a report about any living Paperclip scientist before the end of semester. After the first day of looking through the boxes someone caught wind because they were barred access and then the Document Boxes disappeared forever. I knew Barbra Jordan because my wife and I went over to her Mansion, that Austin gave her to live in, and plat Canasta. One day when we loaded Barbra onto the Democrat Party G5, she was very depressed and crying, she told me she had no real friends. That made me cry, so My wife and I would go play Canasta with Barbra Jordan in a 2 on one, them against me. God Bless Barbra Jordon ! I'm a Republican. en.wikipedia.org/wiki/Barbar…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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7 Dec 2024
Replying to @mammoney89
Free HOPS anywhere if you go to Dover or McChord. Civil Service employees can live in military housing at most stateside Post and Bases due to the overbuild at many bases. Big Bases have nice facilities. The sponsoring agency, usually DOE, sets up the rental agreement with the base/Post directly. You can transfer with 6 months notice and they move you for free.
corvias.com/news/living-post…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @19k0011
101st MANIACS !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @RogerJStoneJr @JDVance
But does he follow Roger Stone !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Dec 2024
Replying to @matthew_pines
I need to help you after I read this statement. "I do not understand. And I don’t know anybody else who understands them either.” Matthew, Sound like you need a Physics Enema, The lack of Engineering relational information is framed by a purposeful polluted pool of information driven by Gatekeepers in Academia and the military industrial Cocaine and Prostitution Complex. I teach and feed graduate students into the DARPA Weather Control Program. These students don't care that the public doesn't believe in the capabilities of the system. Most people lack the elementary physics knowledge of 2 DOF Force Fields Found in nature at the Micro nuclear scale but must be artificially generated at or Macro-Diffuse Nuclear scale.

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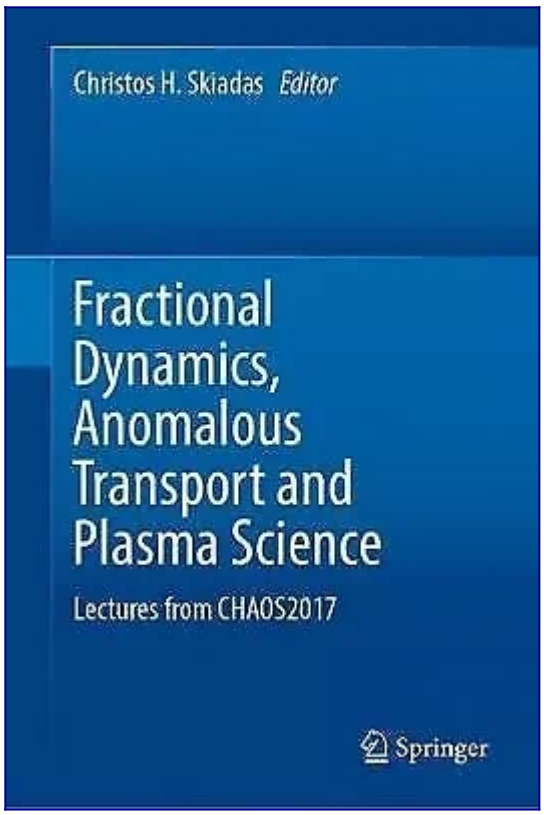
7 Dec 2024
and more Pieces.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @ashtonforbes @BrianRoemmele
I'll draw up a simple 2DOF Field generator demonstrator as a teaching model this week. You could make a ground demonstrator out of a 55 Gallon drum. Cost around $1000. Will be mounted to Frame, set on ground. Can use Aluminum Cone or Carbon Fiber subwoofer for the 2 modulators and feed High Pressure gasoline for initial ignition. Speaker will last for several minuets but will eventually come apart. When modulated out of phase, you cannot walk toward the demonstrator without thinking your going to burn alive. It is similar to a Pulse-jet but can Fix in locality the combustion's Kinetic Field with a impenetrable Thermal Barrier.
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7 Dec 2024
Replying to @ChiefDinger @ashtonforbes @BrianRoemmele
No comment, due to lack of Unpolluted information.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @ashtonforbes @BrianRoemmele
Next year, interview. Grading thesis, checking whose been naughty and nice.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
7 Dec 2024
Replying to @ChiefDinger @ashtonforbes @BrianRoemmele
Also called 5 Partners.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
7 Dec 2024

"The Stars Are Too High" by Agnew H. Bahnson Jr. is a science fiction novel centered around a mysterious flying object that causes international tension, particularly between the United States and the Soviet Union during the Cold War era. The plot revolves around three men who have built this advanced aircraft Plot Overview: The aircraft, described as so advanced it could be mistaken for extraterrestrial technology, is piloted by these three Americans with the aim of using it to prevent a potential global conflict. Their initial plan is to convince both the US and Soviet governments that they are dealing with an alien threat, hoping this would unite them against a common "enemy" and thereby avert war. However, their plan does not go as expected. Instead of fostering peace, their actions inadvertently escalate tensions, bringing the world to the brink of World War III.

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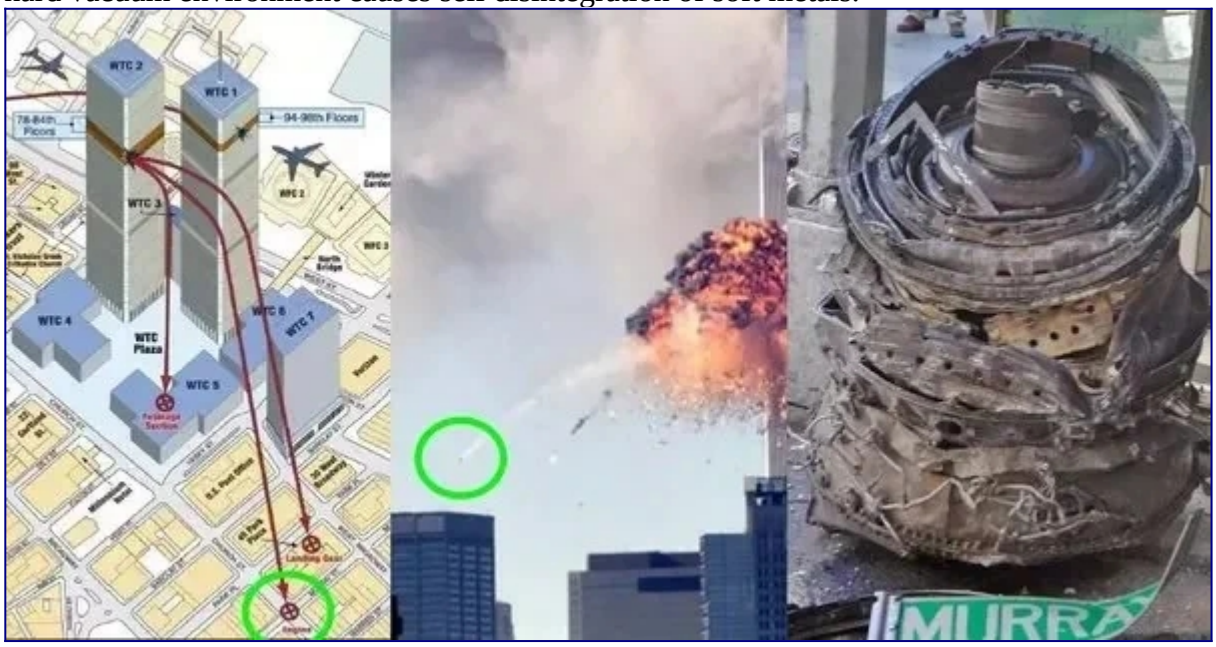
7 Dec 2024
Replying to @Jordan_W_Taylor
The RB 211 is one tough engine. Note that some Fuel Nozzle manifolds are still attached. Splines on Shaft look serviceable. Seriously, if you see titanium that has turned purple from heat on jet engines and antigravity spacecraft, look closely for cracks around bolt holes ect. That is the Hydrogen Embrittlement we are all told about, the purple turns purplely-brown and is about 60% of original. I don't see need for titanium in Antigravitational Spacecraft. Contrary to popular belief. Titanium doesn't handle heat. You cannot use aluminum on the exterior of any spacecraft. The

vacuum of space will steal it away, little by little. The Hydrogen Embrittlement damages the grain structure of Aluminum severely, the expanding and contracting grain structure of Aluminum in the hard vacuum environment causes self disintegration of soft metals.



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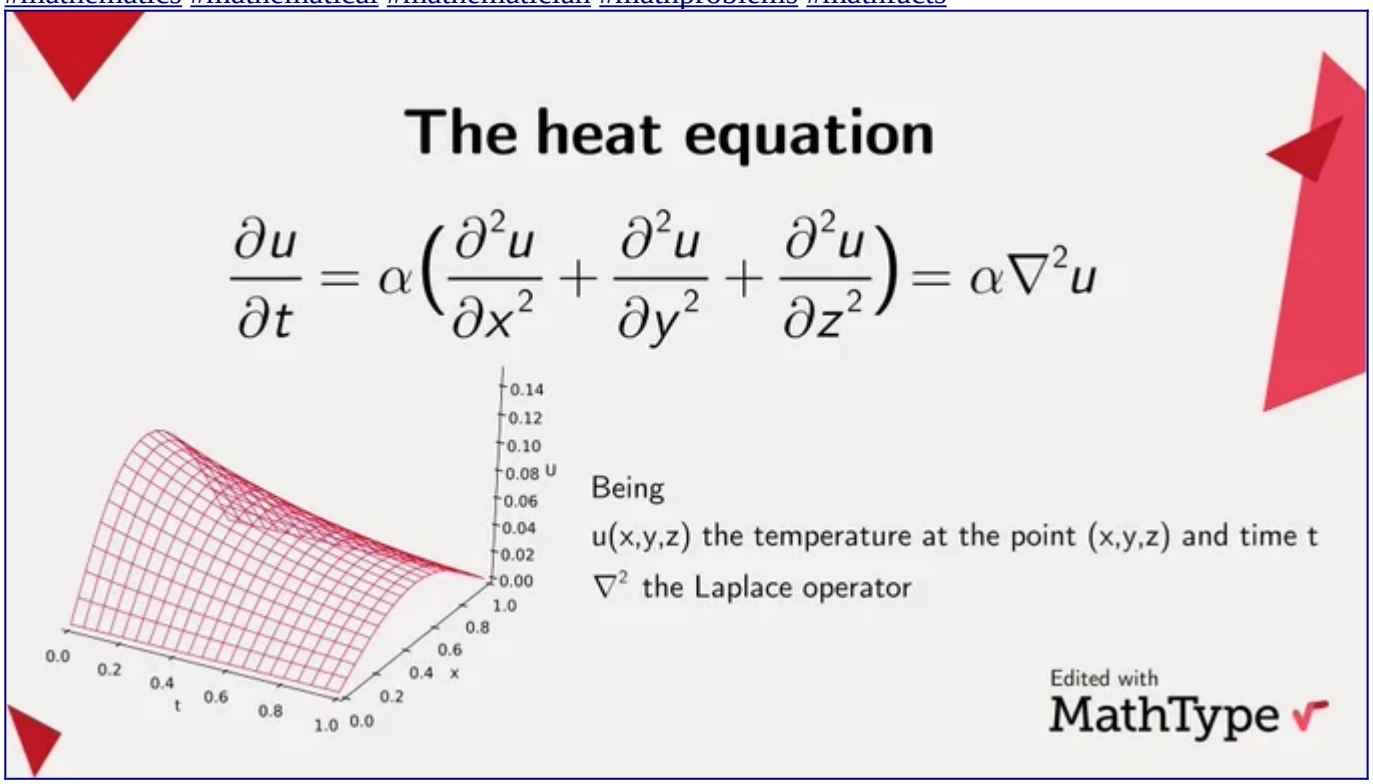
MathType@MathType
5 Dec 2024

The partial differential equation called the heat equation describes how some quantity, such as heat, distributes over time in a homogeneous and isotropic solid medium. #MathType #math #mathematics #mathematical #mathematician #mathproblems #mathfacts



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6 Dec 2024

Reeks of Social Engineered PsyOp.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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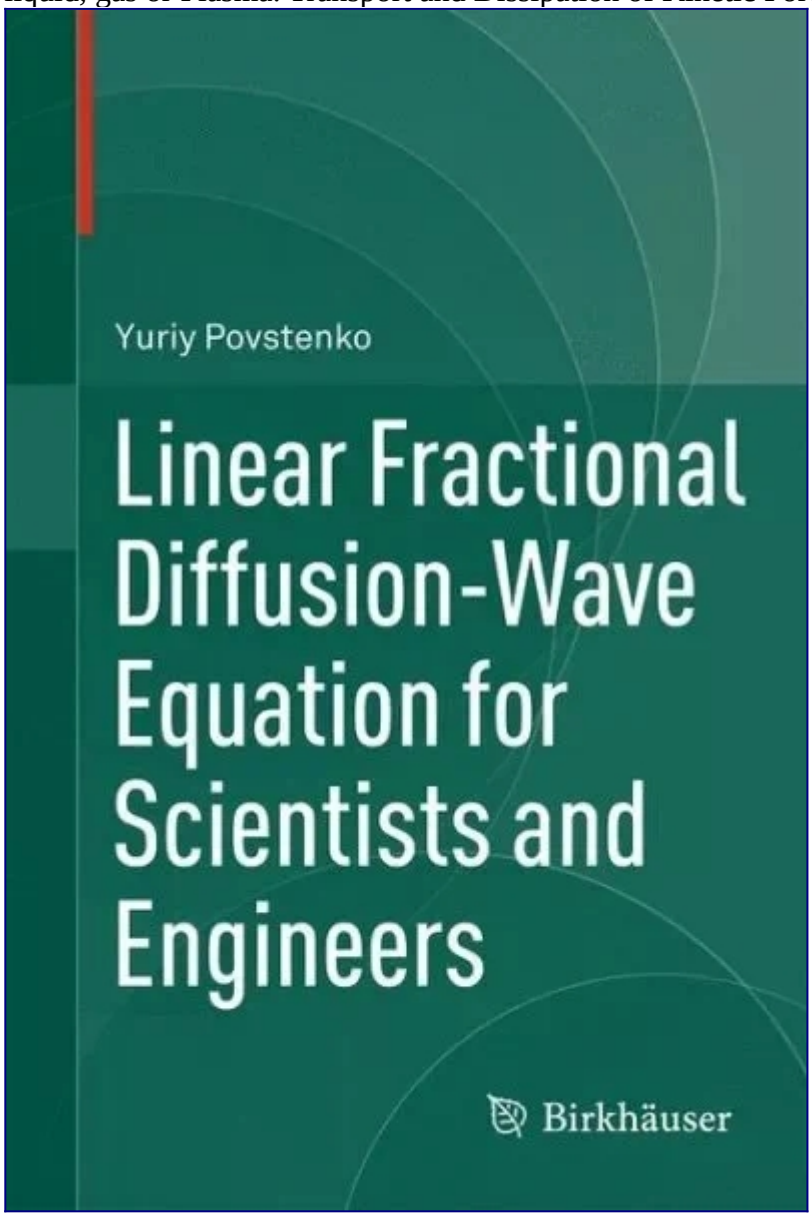
6 Dec 2024
More Foundation for the Antigravitational Spacecraft Engineer. An Antigravity vehicle's Buoyancy Field's Outer Plasma Vacuum Bubble, is a layered sheet of super-hot electrons dimensionally spread apart due to the extreme heat Electrons can accumulate, a characteristic the ION doesn't have, temperature Isolate. In Antigravity vehicle engineering, Ions are modulated in a Laminar flow across the fuselage surface to opposing Ion Modulators (speaker like Servo motors.) Ions are held by the physical laminar flow field; this anchors electron transport with a grain of Inward toward cooler Ions in laminar flow region. This establishes a dimensional canyon (Debye-Boltzmann distributional locality). The outer side of the Barrier is the ambient adiabatic media which can be liquid, gas or Plasma. Transport and Dissipation of Kinetic Force is from Fractional Electrons .



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6 Dec 2024
Replying to @AdrianDittmann
My cat supplements its diet with Bubble wrap plastic and bread ties.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

6 Dec 2024
Replying to @BaronJTrump @TrumpBaroon
I don't see the Crack pipe !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @MinuteofZombie
Jack Parsons developed Plutonium Mixed Explosive. At 1 gram per Kg of a HX grade cerimatic explosive, yield was approximate 20x increase in explosive pressure (shockwave front). His research contributed to the explosives they use in cruise missiles today. Boosted Yield from unoxidised nano-sintered Plutonium or artificial radioactive substances. Artificial nuclear material, if plasma cleaned and kept in inert atmosphere, will detonate due to it already in a state of disintegration, but held from oxygen igniting to thermal sink in the correct Ionizing sequence. Russia stared a artificial nuclear material production line in 2015 for some unknown project. I believe Russia has Cheap Nuclear warheads that leave no radiation residue shortly after combustion due to 97% to 99.997% efficiency at Hydrogen and Helium conversion. All Iskander missile will be High-Thermobaric Micronukes if pressed into war.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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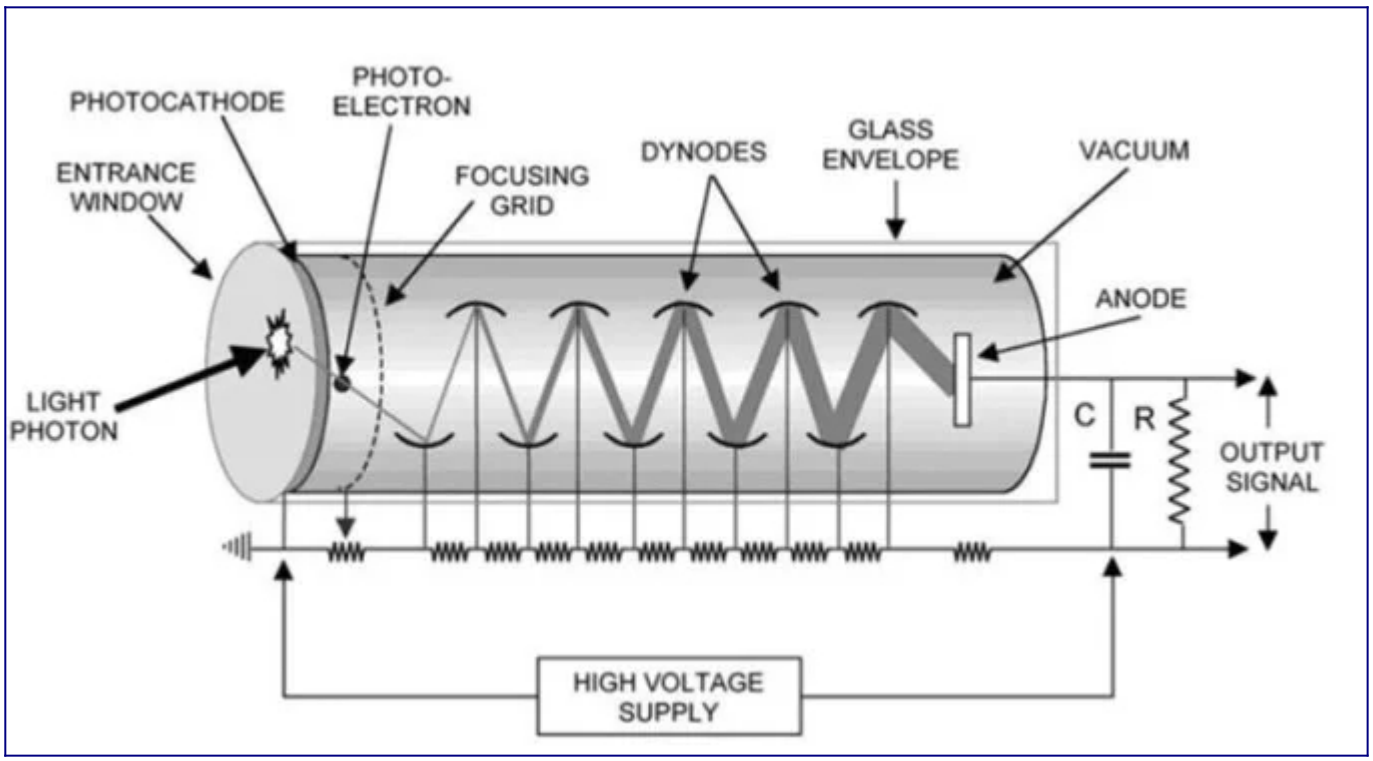
6 Dec 2024
Replying to @AshtonForbes @ashtonforbes
The DOD/DOE Antigravity Vehicles utilize Avionic architecture to allow all vehicle to be remotely flown as a UAP in the event of crew incapacitate. An UVX Optical Communication Data Link is used World Wide for ONLINE-FULLTIME secure Datalink but still slow with moderate Latency due to weather. You can install systems at home to sense the signals. A simple receiver to hear the modulators"handshake Tone" consist of a Daylight blind (long end window kind) Photomultiplier tube mounted in a environmentally seal tube. (Best use is at night as daylight does introduce noise into the PM tubes internal target surfaces.) With the proper OP AMP and smooth HV DC Power supply you will hear tones, close the the thermal noise floor (from +5 to +8db above local calibrated thermal noise floor reference system, measured with calibrated and Log Separated PICO Ammeter channeling), and must be KALMAN filtered for further demodulation. I have a handheld portable Photomultiplier in a Handheld unit that feeds a amplifier and headset. I made my first PM detector in 1988 to record the signature of Floaty things. Photomultiplier tube have very specific bandwidth of light sensitivity and are best used with RF or Photo Scintilators to sparkle upon photo ionization due to impact. The most interesting sounds come from around 2300nm with filtering. This PM long IR range finds areas of continuous Hum emitting, like caves and Enchanted Rock, Texas.



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6 Dec 2024
Replying to @hodgetwins
The US President cannot Pardon on going RICO and Treason Crimes, Military has sole jurisdiction in the Treason processes and are exempt from Supreme Court over site if the President declares, upon House Investigation and Senate approval, a National Emergency, the Military Tribunal.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @StartupArchive_
Does Bezos mention the Obama-RIGGED USPS deal where the US Taxpayer paid for most of Amazon delivery for the first 5 years. That's what got Bezos going, rigged market.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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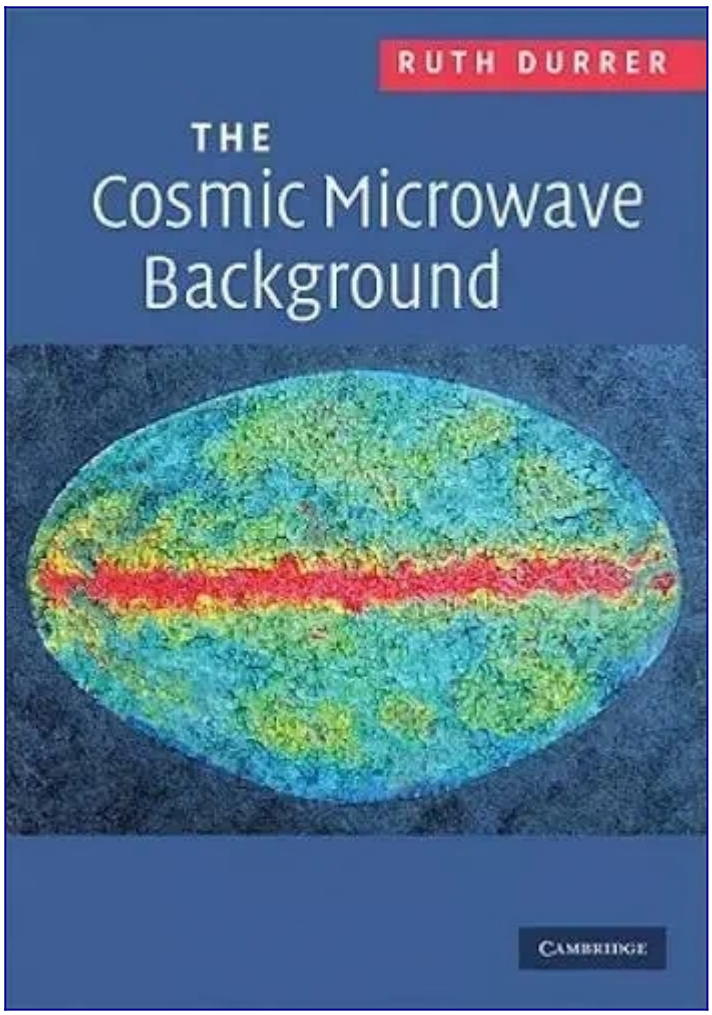
6 Dec 2024
Replying to @ElecNotes
Universal Cosmic Thermal Background, also called Universal Cosmic Microwave Background. UCTB in older textbooks, CMB in most post 2000 textbooks. (by removing the Idea of Thermal Functions related to Cosmic Background we can misdirect the "FOCUS of COMPREHENSION". . it's where your Electric Field Dimensionally expands when you die.



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6 Dec 2024
Replying to @GretchenPSmith @PeteHegseth
We need Lev Landau's Nuclear Damping Systems.

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6 Dec 2024
Replying to @GlobeEyeNews
On Rare Earth Germanium; We have 2000 years worth of Germanium in the US and can now make better-than-nature Isotropic and special fabrication of Anamorphic Valence driven Germanium substitutes. This will be a disruptive technology someday.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @LilithDatura
I'll break that down into a lesson to make it more understandable. Non standard words need replaced, then a Consensus driven definition using known relational characteristic to define the Characteristics and properties in conventional Physics language.

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6 Dec 2024
Replying to @DewsNewz

Degrees are worthless. I was head of a USAF/DOD research project with over 30 scientist, of which 10 had PhDs. Turned out 8 of the PhD's had fake degrees. another 11 had Fake Pacific University Degrees. Degrees are Worthless, I got One. Yet the University of Oklahoma announced they will pay the Football Players more than they pay the PhDs. The US State department has the most people with Fake Pacific University Degrees. wired.com/2004/05/u-s-offici…
research.com/education/why-s…

U.S. Officials Sport Fake Degrees

At least 28 high-ranking government officials, including three managers responsible for emergency operations at nuclear facilities, have fake degrees from so-called diploma mills, according to a...

wired.com

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LATTICE BOLTZMANN METHODOLOGY in CFD. scholarpedia.org/article/Lat…

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6 Dec 2024

Replying to @TMBSPACESHIPS @LilithDatura
sciencedirect.com/science/ar…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024

Replying to @RealAlexJones @barnes_law

Pardons are irrelevant when the Investigation shows the 2020 Elections was a RICO Scam.

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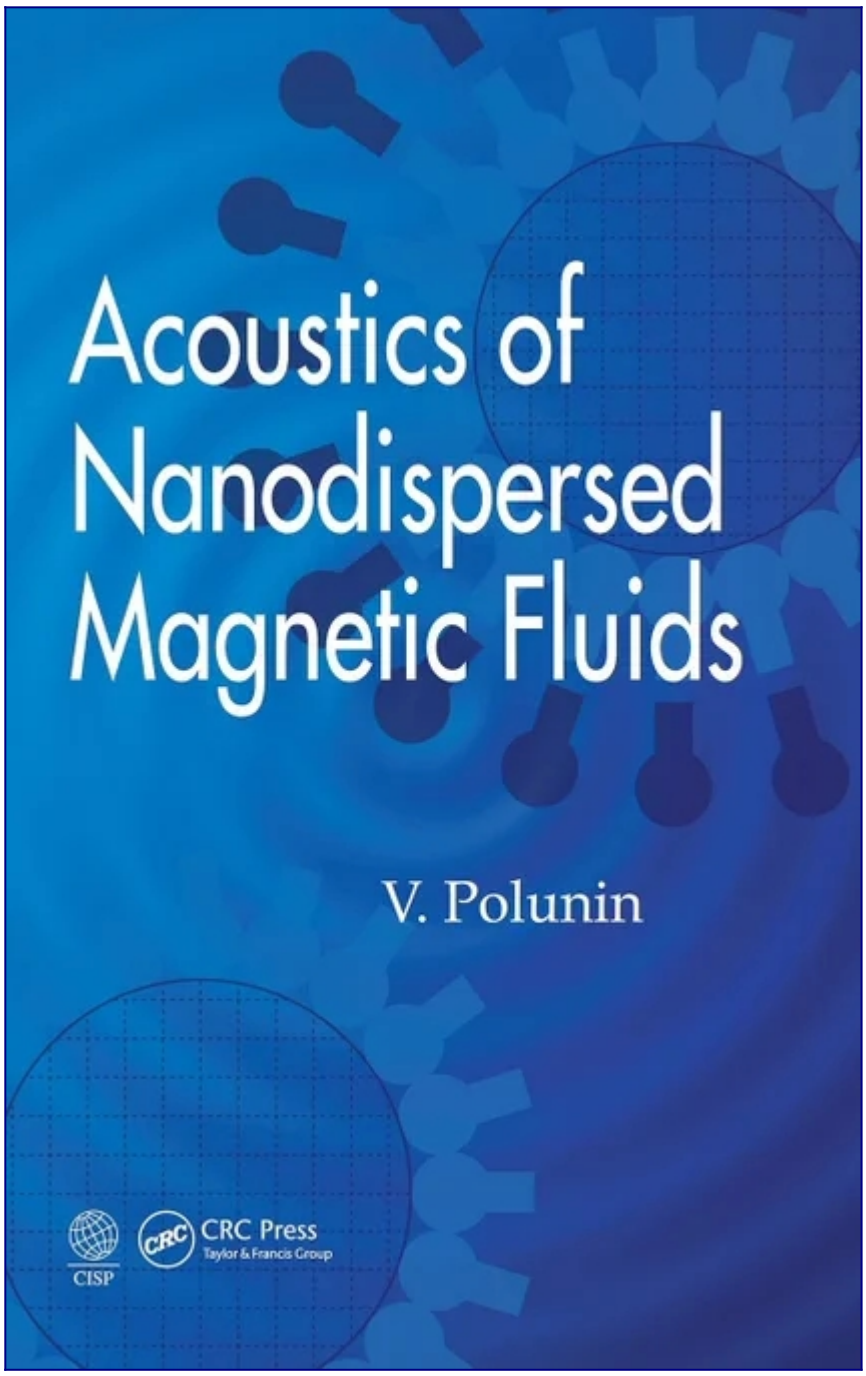
6 Dec 2024

Although it doesn't directly address the Antigravitaional aspects of Magnetoacoustic Waves, it builds a foundation of Understanding.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @NewsBowne
I was told Wave First, wait for reaction. If they immediately wave back without hesitation, they are OK. Even some animals wave back. BUT, If they wave while talking to the other, Open Up on them.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @darshan

Ed Teller was PO'ed because they initially refused to ask him in. They only asked him in after some Army General asked him about his nuclear bomb designs. Ed Teller he had been designing his own Giant Nuclear Weapons for over 10 years before the Manhattan Project. Ed Teller is Famous for arriving at Los Alamos with Suit Cases full of his designs he hand drew.

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6 Dec 2024
Replying to @realRJTalks
Alfven Wave's Low Frequency dispersal force causing Plasma Oscillations to cut the Clocks on board Crystal oscillator. Plays Harmonic chaos in unprotected Electronic Digital Circuits.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @LilithDatura
Yes, Frame of Reference of 4 Moving Velocity Media Fields all smoothly and linearly sewn together and ID'ed by Einstein in the 1920's (after he went into Obscurity), waiting to be discovered by by some snotty 24 year old.(Private Joke)

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @LilithDatura
C as Einstein used, is Valid in many functions of differentials but many have no concept, Einstein defined, when and how his Condition of C become Valid.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @LilithDatura
At low Velocities of Propagation the Ion carries the Electron, Magnetic Field and Thermal/Kinetic Field at the same Transport Velocity establishing a domain of Linear Stability. When Shock is introduced the Angularity and Velocity will introduce micro-eddys(fractional distribution in the Electrons continuous Lattice), where some velocities will exceed M>1 causing Kinetic uncoupling. Non-Linear Shock must be corrected across all Velocity to determine damping to find all your fractional. The Final acceptance of Lattice-Boltzmann CFD methodology over the past 15 years has been a great headway into dispelling the "Myths" of Physics. The Nuclear Kinetic Axis trades Expansion and Contraction of the Lattice for E and M transport. These conditions are the same Macro-Nuclear Gravitation/Antigravitation. When Media Velocity exceed M>1 & L>1, Kinetic movement is ISOLATE. So, the Universe Isolates you as your energy gets to big for it to diffuse or disperse. There is a Vast Expanse of Electron to Electron dimensional area, in Physical Nuclear Micro Structure that can be Dimensionally Physically pushed apart so as to travel between the Eikonally stretched ELECTRON to ELECTRON Lattice of Continua. This is basic real world FTL methodology, no Time-bending-Fist-me-in my Black Warp Hole thing. Just simple mechanics and dispersal but with media corrections.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Dec 2024
Replying to @LilithDatura
There are EIKONAL Interfacial transfers at the Macro to Meso, and Meso to Micro Nuclear Scale, 5 Interfacial Transfers that require handling Volume Linearly. There are non-linear shock introduced when Mach>1. When Non-Linear waves(Shock) occurs the EMF Field is disturbed, the must be

followed through DISPERSAL to determine Fraction Electron (scale or Volume). These must be handled Linearly to find the Non Trivial sums. Using Eisenstein's C in Plasma Physics will result in all Differentials Out of Natures Boundary (lots of +1s) in things like Debye-Boltzmann Statistical distance due to the universe always moving. So the Field is Always moving and must be corrected. Nature has 4 Domains of Velocity. They must be Velocity Eikonally transferred to follow nature in validity. The Ionic Domain which looses all Magnetoacoustic Coupling, Ion to Ion, if Velocity exceeds Mach>1 in relation to surrounding adiabatic media (even solid). The Electron's Lattice of Continua's structural Vacuum looses Electron to Electron Kinetic Coupling , when velocity exceeds the Media Corrected Speed of Light. We sense Cosmic Rays and Muon Eddys in the Wake of FTL (corrected) emissions. I have a ton of unpublished Plasma Application Methodology to publish in a Textbook next year. There was a guy back in the 1990s that won lots of academic prestigious awards for proving Electrons can Propagate in a Plasma Faster than the speed of Light with Nuclear Ping Pong in a Game of Captive Discharge Resonance.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @LilithDatura
C in Plasma Physics, is not Eisenstein's C.
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5 Dec 2024
Replying to @LilithDatura
Yes, ISOTHERMOSTATIC FIELDS are scaled in Nature.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Dec 2024
Replying to @ousiaenergia
Yes, and it sets minimum Fermi Ionization level of associated Field. Field may be within something. Electrons can be thousands of degrees Hotter than the Ions they are tied to. A Nuclear Scale Electron Thermal Domain can be so hot as to Isolate itself in a Soliton Envelope completely thermally isolated from adjoining Electrons with in it's own locality.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @Alien_Scientist
On a Serious Note; Lue has never been around the Real DOD/DOE vehicle or he would tell the Public, You are weightless when the vehicles Buoyancy Vacuum Plasma Field generator is running. Instead Lou tells you, "We cannot engineer such vehicles as we are "Mear Plebes" and UAP's can handle 1000's of Gs cause, you know, "REVERSED ALIEN TECHNOLOGY" that Plebes can never understand. (Lue's not to brite, but I like Lue) Disruptive Technologies will come abruptly on the scene over the next 3 years.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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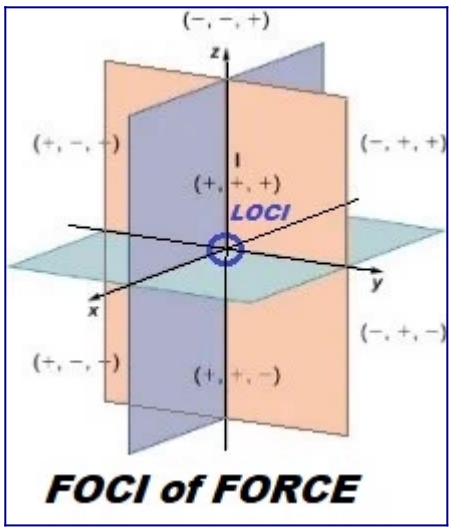
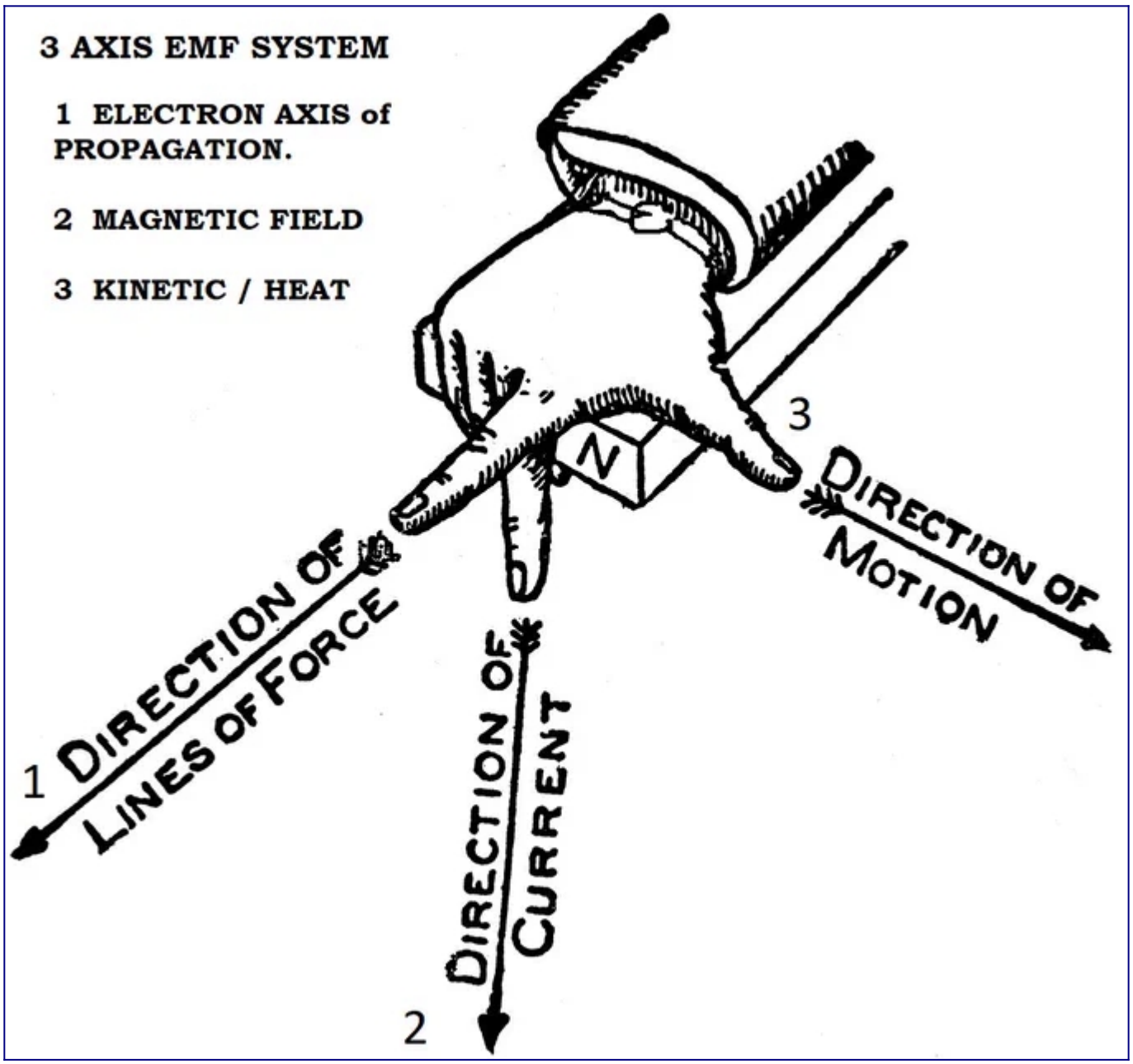
5 Dec 2024
Replying to @ousiaenergia
In the sense Non-Kinetic heat component, Lev Landau's methodology teaches me to handle it as a stagnant, Non-Propagating thermal region. (Thermostatic mixed in the parent energy level) (Handling the Heat across 4 Velocity Domains but narrowing to the Velocity under study.) (the velocity is of such trivial sum zero that Equilibria is a moving "tolerance" variable, never never at rest in locality.) I speak from Abstract Modeling point of view in that statement.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Dec 2024
Replying to @ousiaenergia
When I find a Truism in Nature that is generally misunderstood, I start my own Monograph for my Family Physics Textbook. I recommend everyone write their Own Physics Textbook so as to pass your knowledge to your future generation, regardless of Academia stance on such a question. I it easy to Disprove "4 Nuclear Force Theory" to a reasonable person but today's Engineered Society is blocked by "years of Institutionalized Collectivist Social Engineering pushing Human Arrogance as a sense of Intelligence, preventing others from opening their mind.



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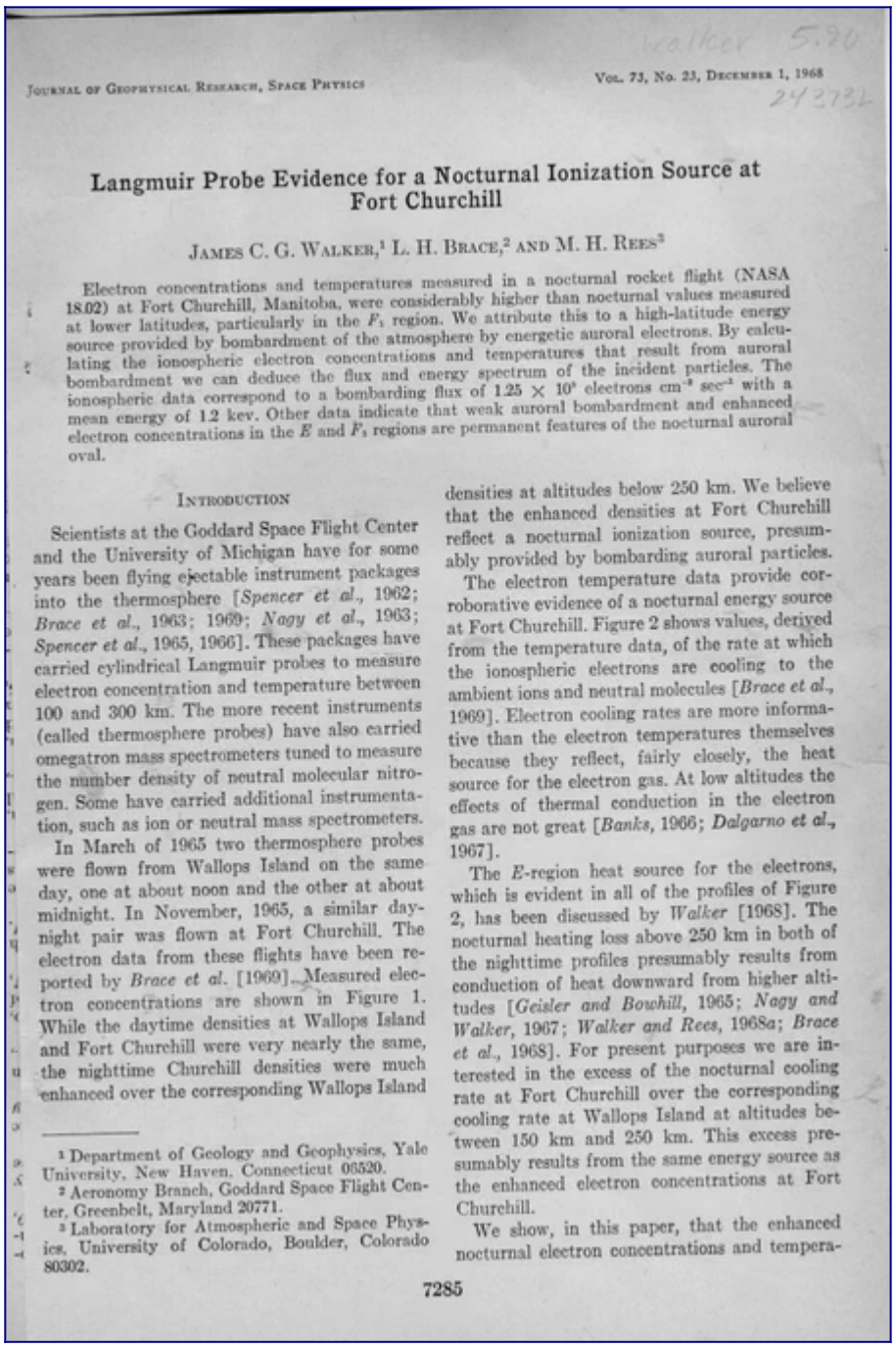
5 Dec 2024

I refereed a student to this 40 year old NASA research only to find a Paywall by a GATEKEEPER on 40 year old Public research. "Langmuir Probe evidence for a nocturnal ionization source at Fort Churchill" I will dug out my old yellow copy. I'll post the whole thing right here, later. NASA's RD-93.ER-2 is a "IsoDropsonde" type Ionospheric instrument for measuring Ionospheric to Stratospheric reference which can be done remotely with WSR-88 and WXR-88 Radar systems today. agupubs.onlinelibrary.wiley.… cloud1.arc.nasa.gov/crystalf…



JOURNAL OF GEOPHYSICAL RESEARCH, SPACE PHYSICS VOL. 73, NO. 23, DECEMBER 1, 1968

Langmuir Probe Evidence for a Nocturnal Ionization Source at Fort Churchill

JAMES C. G. WALKER,[1] L. H. BRACE,[2] AND M. H. REES[3]

Electron concentrations and temperatures measured in a nocturnal rocket flight (NASA 18.02) at Fort Churchill, Manitoba, were considerably higher than nocturnal values measured at lower latitudes, particularly in the F_1 region. We attribute this to a high-latitude energy source provided by bombardment of the atmosphere by energetic auroral electrons. By calculating the ionospheric electron concentrations and temperatures that result from auroral bombardment we can deduce the flux and energy spectrum of the incident particles. The ionospheric data correspond to a bombarding flux of 1.25×10^9 electrons cm^{-2} sec^{-1} with a mean energy of 1.2 kev. Other data indicate that weak auroral bombardment and enhanced electron concentrations in the E and F_1 regions are permanent features of the nocturnal auroral oval.

INTRODUCTION

Scientists at the Goddard Space Flight Center and the University of Michigan have for some years been flying ejectable instrument packages into the thermosphere [*Spencer et al.*, 1962; *Brace et al.*, 1963; 1969; *Nagy et al.*, 1963; *Spencer et al.*, 1965, 1966]. These packages have carried cylindrical Langmuir probes to measure electron concentration and temperature between 100 and 300 km. The more recent instruments (called thermosphere probes) have also carried omegatron mass spectrometers tuned to measure the number density of neutral molecular nitrogen. Some have carried additional instrumentation, such as ion or neutral mass spectrometers.

In March of 1965 two thermosphere probes were flown from Wallops Island on the same day, one at about noon and the other at about midnight. In November, 1965, a similar day-night pair was flown at Fort Churchill. The electron data from these flights have been reported by *Brace et al.* [1969]. Measured electron concentrations are shown in Figure 1. While the daytime densities at Wallops Island and Fort Churchill were very nearly the same, the nighttime Churchill densities were much enhanced over the corresponding Wallops Island densities at altitudes below 250 km. We believe that the enhanced densities at Fort Churchill reflect a nocturnal ionization source, presumably provided by bombarding auroral particles.

The electron temperature data provide corroborative evidence of a nocturnal energy source at Fort Churchill. Figure 2 shows values, derived from the temperature data, of the rate at which the ionospheric electrons are cooling to the ambient ions and neutral molecules [*Brace et al.*, 1969]. Electron cooling rates are more informative than the electron temperatures themselves because they reflect, fairly closely, the heat source for the electron gas. At low altitudes the effects of thermal conduction in the electron gas are not great [*Banks*, 1966; *Dalgarno et al.*, 1967].

The E-region heat source for the electrons, which is evident in all of the profiles of Figure 2, has been discussed by *Walker* [1968]. The nocturnal heating loss above 250 km in both of the nighttime profiles presumably results from conduction of heat downward from higher altitudes [*Geisler and Bowhill*, 1965; *Nagy and Walker*, 1967; *Walker and Rees*, 1968a; *Brace et al.*, 1968]. For present purposes we are interested in the excess of the nocturnal cooling rate at Fort Churchill over the corresponding cooling rate at Wallops Island at altitudes between 150 km and 250 km. This excess presumably results from the same energy source as the enhanced electron concentrations at Fort Churchill.

We show, in this paper, that the enhanced nocturnal electron concentrations and tempera-

[1] Department of Geology and Geophysics, Yale University, New Haven, Connecticut 06520.
[2] Aeronomy Branch, Goddard Space Flight Center, Greenbelt, Maryland 20771.
[3] Laboratory for Atmospheric and Space Physics, University of Colorado, Boulder, Colorado 80302.

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5 Dec 2024
Replying to @infowars @WarRoomShow
The Bidens' will charge other deep state cronies Big Money for Pardons. Ask Bill Clinton, you must Pay for Pardons.
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Replying to @lynssss3125

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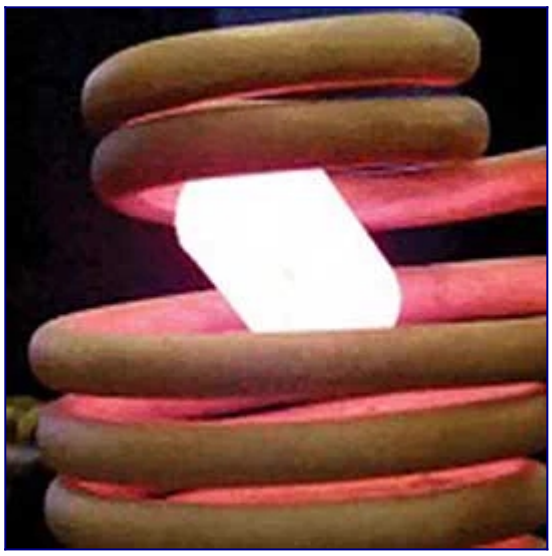
5 Dec 2024
Replying to @lynssss3125

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Dec 2024
Replying to @Partisan_12
You see it here in the US.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Dec 2024
GROK's opinion on HYDROGEN LATTICE of CONTINUA's Landau Damping of a Natural Propagating Electron. Expressing the interaction between the Hydrogen Lattice of Continua and an Electron where the electron's Velocity is reduced due to an Inductive Coulomb force as a Differential Function involves several steps: Understanding the Forces Involved: is the distance between them.Coulomb Force: This is given by F = k_e \ frac{q_1 q_2}{r^2}, where k_e is Coulomb's constant, q_1 and q_2 are the charges, and r Inductive Effect: Here, we assume the lattice induces a force that modifies the electron's path or speed, which can be complex due to the lattice's structure. Dynamic Equations: is the net force including the Coulomb force from the lattice.Newton's Second Law for the electron would bem_e \frac{d^2 \vec{r}}{dt^2} = \vec{F}, wherem_eis the electron's mass,\vec{r}is the position vector of the electron, and\vec{F} Considering the Media State: is the refractive index of the medium. However, here, we are more interested in how the electron's velocity changes due to the lattice interaction. The speed of light in the medium can be different from in vacuum, described byv = \frac{c}{n}, wheren Differential Equation Formulation: that includes the Coulomb effect from the lattice. If we denote this force as a function of position and velocity: Let's assume the electron's velocity\vec{v} is influenced by a force\vec{F}\vec{F}(\vec{r}, \vec{v}) = \vec{F}_{\text{Coulomb}} + \vec{F}_{\text{Inductive}} Where: the unit vector in the direction from the charge to the electron.\vec{F}_{\text{Coulomb}} = k_e \frac{q_e Q}{r^2} \hat{r}, withQbeing the effective charge of the lattice point, and\hat{r} would represent additional forces due to the lattice's inductive effects on the electron, which might not have a straightforward form but could be approximated or modeled based on the lattice's properties. \vec{F}_{\text{Inductive}} The differential equation for the motion of the electron then becomes: m_e \frac{d\vec{v}}{dt} = \vec{F}(r, v)Or, if we want to express it in terms of position:m_e \frac{d^2\vec{r}}{dt^2} = \vec{F}(\vec{r}, \frac{d\vec{r}}{dt}) Specifically, if you want to focus on the velocity reduction:\frac{dv}{dt} = \frac{1}{m_e} \left(k_e \frac{q_e Q}{r^2} + F_{\text{Inductive}}(r, v) \right) would need to be defined or modeled based on the specifics of the lattice and electron interaction, which might not have a simple analytical form but could involve numerical methods or approximations if the exact nature of the inductive force is known. Here, F_{\ text{Inductive}} This setup gives you a framework to start from, though exact solutions would heavily depend on how you define or model F_{\text{Inductive}} This says light slows down in denser Media FIELDS.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @TMBSPACESHIPS @James7312511388 @matthew_pines
and YOU ARE WEIGHTLESS WHEN THE buoyancy FIELD IS ENERGIZED, rendering you FRICTIONLESS. Any small perturbation in Equilibrium can send you in any direction at incredible speeds. Propulsion is managed by Manipulation of Center Mass (of FIELD) to center Mass of Plasma Vacuum Bubble. When Center of Mass is not concentric to Field, the disturbed minute equilibrium cause movement.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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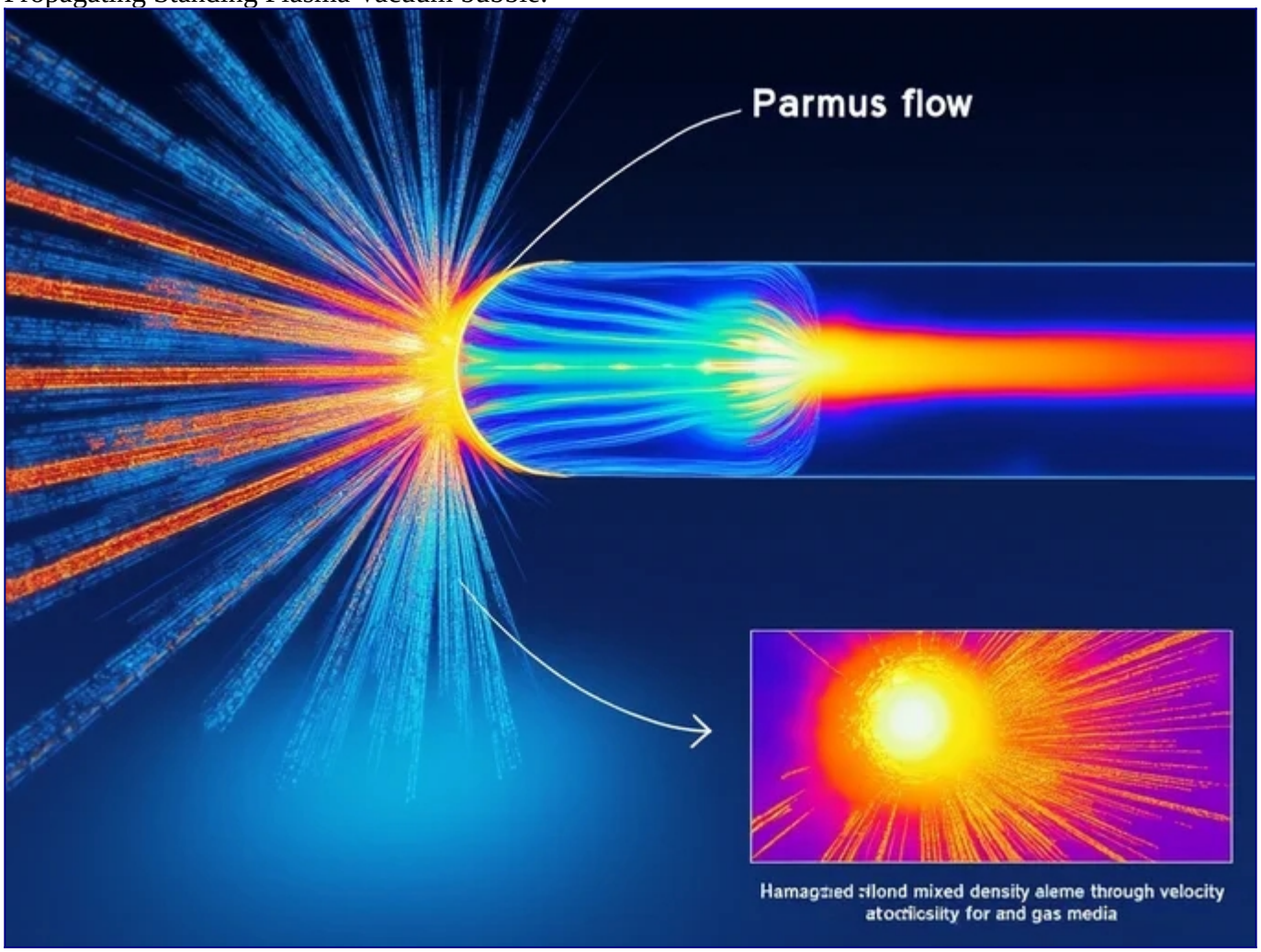
5 Dec 2024
Replying to @James7312511388 @matthew_pines
Kevin was way off. Seriously, Kevin has no knowledge of Antigravitational Methodology rendering his results invalid due to information outside his consideration. What if the Fuselage was made from 1 inch thick ? Chromoly utilized a Standing PLASMA VACUUM BUBBLE to generate a Null in local Electrostatic and Thermostatic gravitational Field by Fixing a Standing 2 DOF Mesoscale

Shockwave in Place, where you can modulate the equilibrium between Pressure and Vacuum, similar in fashion to a Hummingbird Hover, but utilizing a Microscale Nuclear 1 DOF Electrostatic Field fed by ION Seed Gas and small amounts of Hydrocarbon Fuel to maintain the Non-Propagating Standing Plasma Vacuum bubble.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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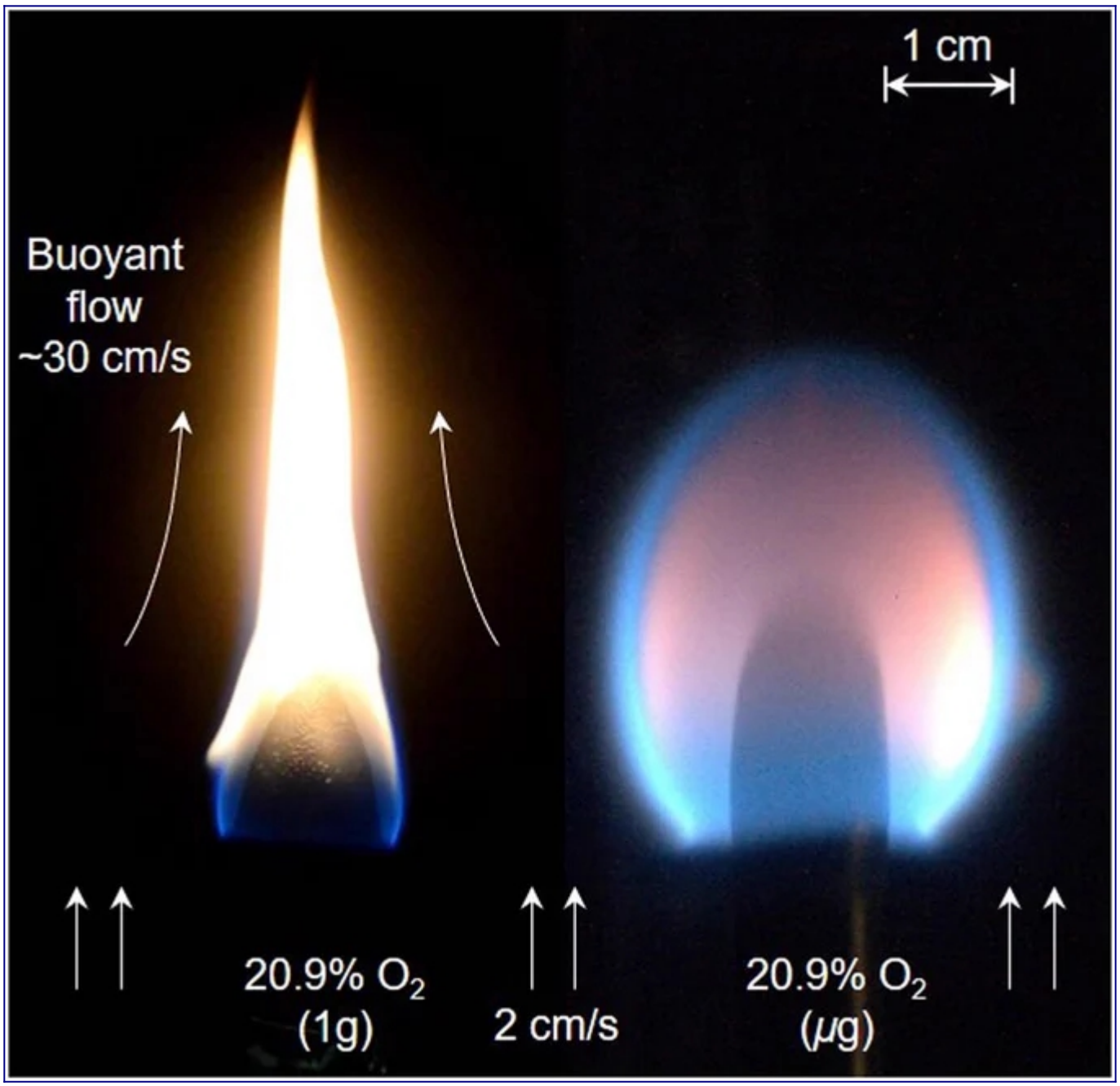
5 Dec 2024
Replying to @matthew_pines
The DOD/DOE uses large Cubical Arrays of Photomultiplier Tubes in a Module arraignment to give the Array 6 Sides of View(a box shape) to track non-Terrestrial origin vehicles. We have dozens of these facilities set up world wide and deep under the united states. (I was Janitor for the one under the north end of Sandia Mtn.) I wrote code for Muon detection code in Java in 1996 for a standardized DOD/DOE array detection system. We use these systems to track the Cosmic Ray Eddys (L<1) when unknown origin vehicles accelerate near earth. When traveling Faster than Light, a slower than Light Speed Eddy renormalizes the perturb path on the aft side (WAKE) of the FTL vehicle's direction of movement. We perceptive these Eddies as Cosmic Rays. God made no speed limit. Due to the Hydrogen Lattice of Continua's Coulomb retarding potential damping a natural propagating Electron's Velocity, giving rise to the illusion of a speed limit, the same as the Adiabatic Compressive Pressure longitudinal damping restrictions found at the (IONIC) Mach Wall. Left: Natural Flame Right: Flame subjected to RF FIELD (LATTICE stand UP)



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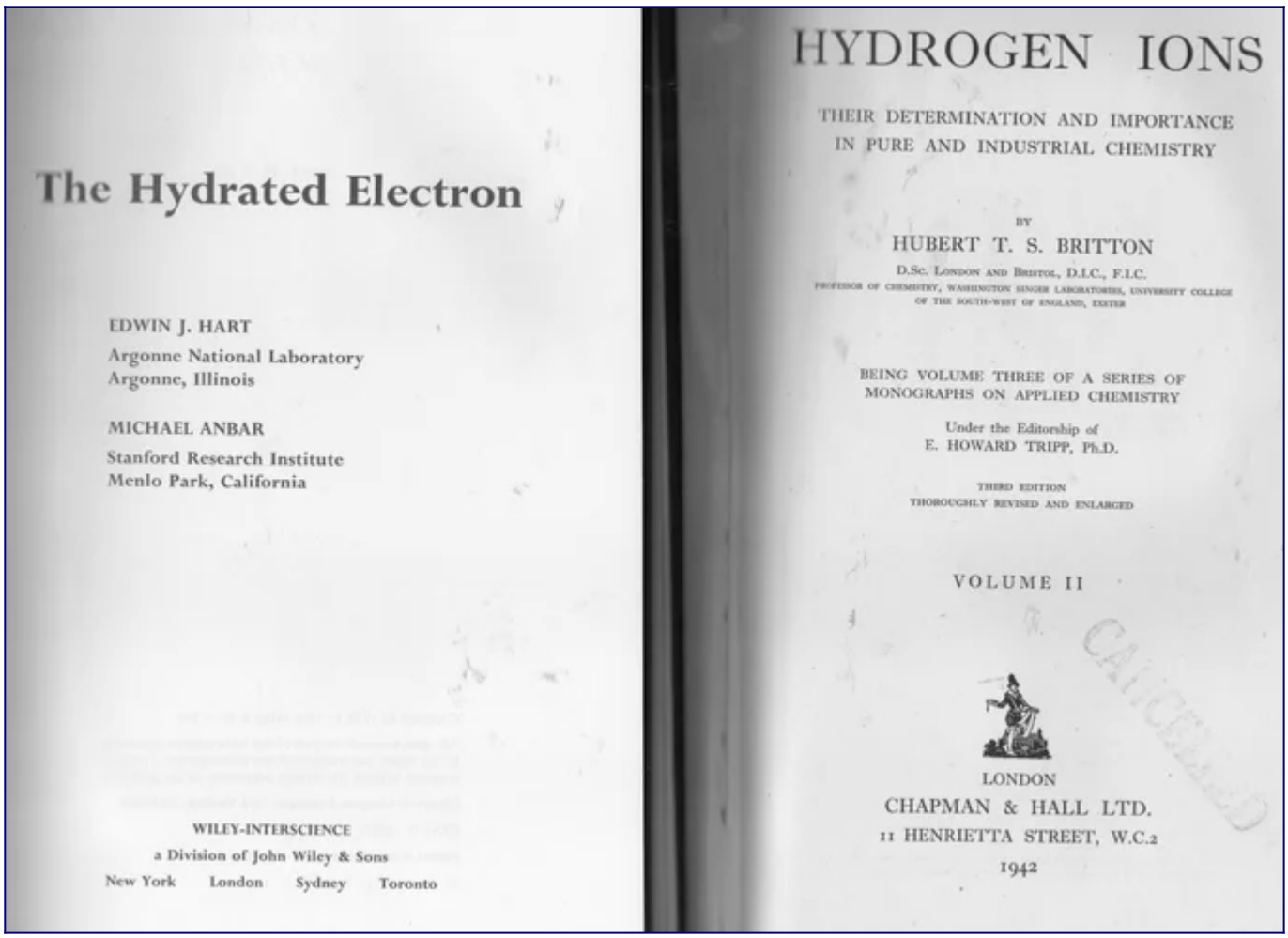
In my own Antigravitational Spacecraft Engineering studies, I found the Hydrogen Ion lines up in 2 DOF Mesoscopic Lattice when subjected to Ionizing due to it's close Macro Ion Scale to the Micro Electron scale. This establishes a Macroscopic Kinetic Transport Vector toward the Mesoscopic Field, where nature lines up the Mesoscopic Field Lines to the Microscopic scale. This Nuclear Macroscopic (Ion), Mesoscopic(2 DOF Transport Vector) and Microscopic (Electron) is the Hydrogen Lattice of Continua. At our scale we can only physically interact with the Mesoscopic scale. We use Ionic crowding to physically interact at this scale, such as Helium Scattering in spectroscopy. The Gas Lattice around you is impercievable due to it's adiabatic and conformally adhesive Diffusive Macroscale is always in motion, just out of dimensional reach of the slower Hydrogen Lattice of Continua.



The Hydrated Electron

EDWIN J. HART
Argonne National Laboratory
Argonne, Illinois

MICHAEL ANBAR
Stanford Research Institute
Menlo Park, California

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HYDROGEN IONS

THEIR DETERMINATION AND IMPORTANCE IN PURE AND INDUSTRIAL CHEMISTRY

BY
HUBERT T. S. BRITTON
D.Sc. London and Bristol, D.I.C., F.I.C.
Professor of Chemistry, Washington Singer Laboratories, University College of the South-West of England, Exeter

BEING VOLUME THREE OF A SERIES OF MONOGRAPHS ON APPLIED CHEMISTRY

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Replying to @Reforger85
THE SHERPA WAS A NICE PLANE TO WORK ON.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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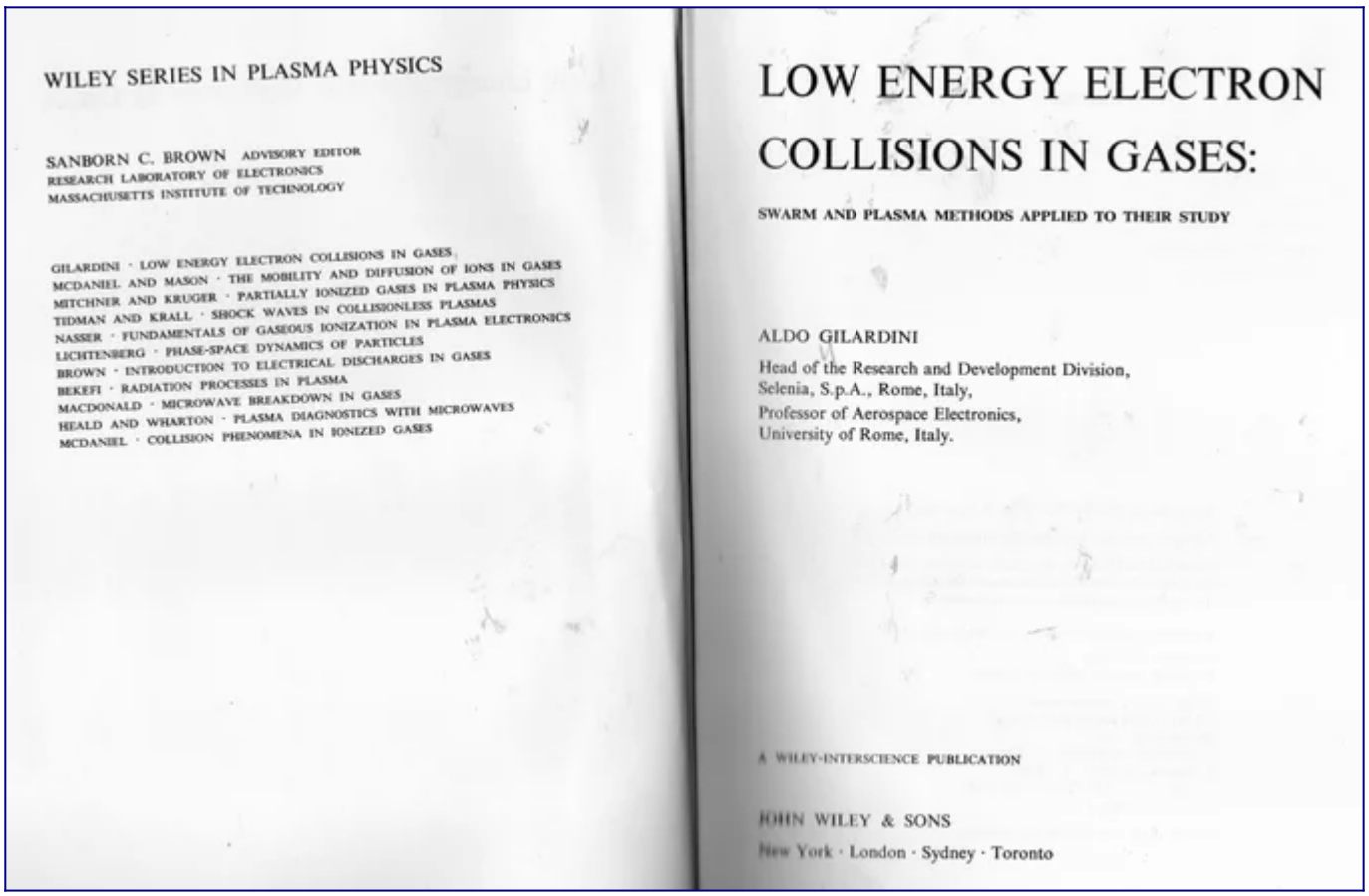
5 Dec 2024
Another great book for the Antigravity Engineers. LOW ENERGY ELECTRIC COLLISIONS IN GASES: SWARM AMD PLASMA METHODS APPLIED TO THEIR STUDY. - ALDO GILARDINI geca.area.ge.cnr.it/files/15…



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Good Video on Lattice Boltzmann Scale-Specific transport distributional Statistical Methodology. Used in Antigravity Computational Solid/Liquid/Fluid/Gas/Plasma Transport Research Dynamic Modeling. This video make good distinctions of Macro-Nuclear Scale(Our Diffusive Adiabatic VOLUME) Meso-Nuclear Scale (Interfacial Scale) Micro-Nuclear Scale (Nuclear Lattice Scale)
youtu.be/watch?v=dLh6OAuE…
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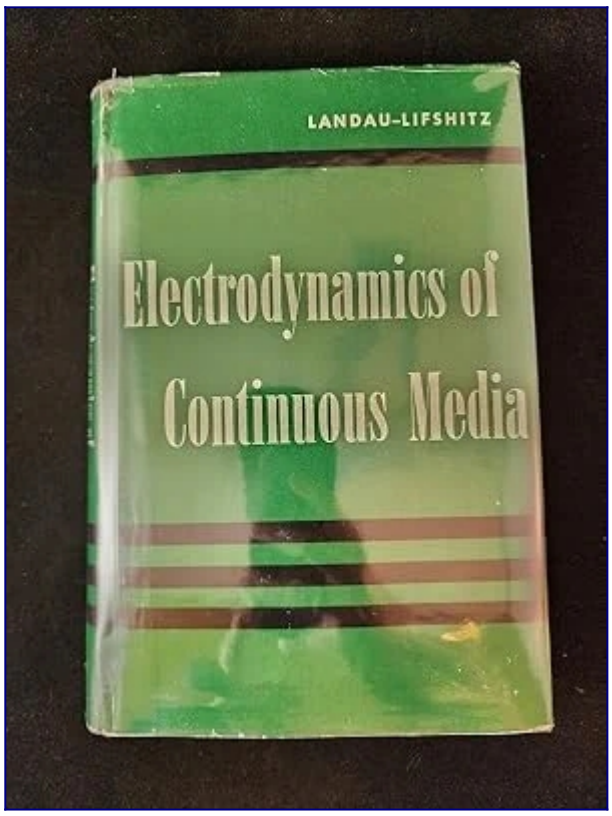
ELECTRODYNAMICS of CONTINUOUS MEDIA Lev Landau great book that unlocked antigravity methodology. archive.org/details/ost-phys…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @DanielBogdanoff
A basics well stocked RF Calibration Lab runs over $5 mil just to get going. back in 1994 the USAF bought me a Specialized Femotsecond Pulse Generator for our PMEL lab. Cost was $490,000. Today's cost would be over a million and still take over a month to Calibrate.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @Matt_Bracken48
Gladio Maiden Operations (aka Color Communist Revolutions) are design to bring war to a target country from it's neighbors. To allow Operation Gladio MAIDEN Operations in your country, is to invite Death to all it's local municipal workers from Vidman's pegger, Victoria Nuland, supplied Snipers. In Ukraine, Operation Gladio Maiden resulted in the deaths of 1000's of local municipal workers in a "NIGHT of the LONG KNIVES" type Operation.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @Matt_Bracken48
I thought it was called Gladio Maiden (MD) in the State Deportment Leaks.
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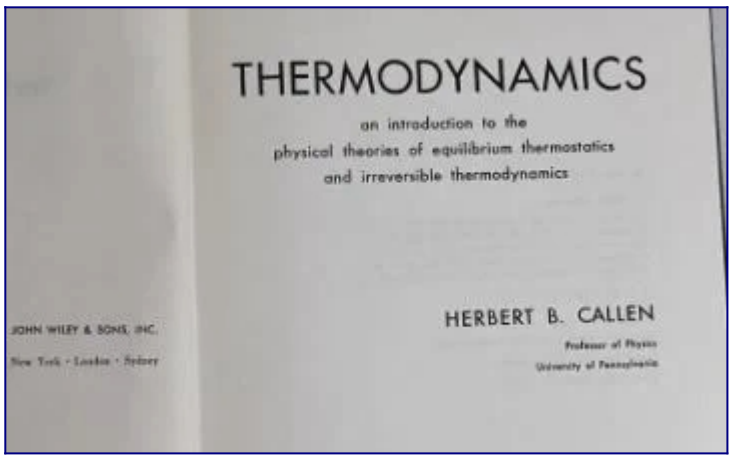
H.B. CALLEN - THERMODYNAMICS, an INTRODUCTION to the PHYSICAL THEORIES of EQUILIBRIUM THERMOSTATICS and REVERSIBLE THERMODYNAMICS.



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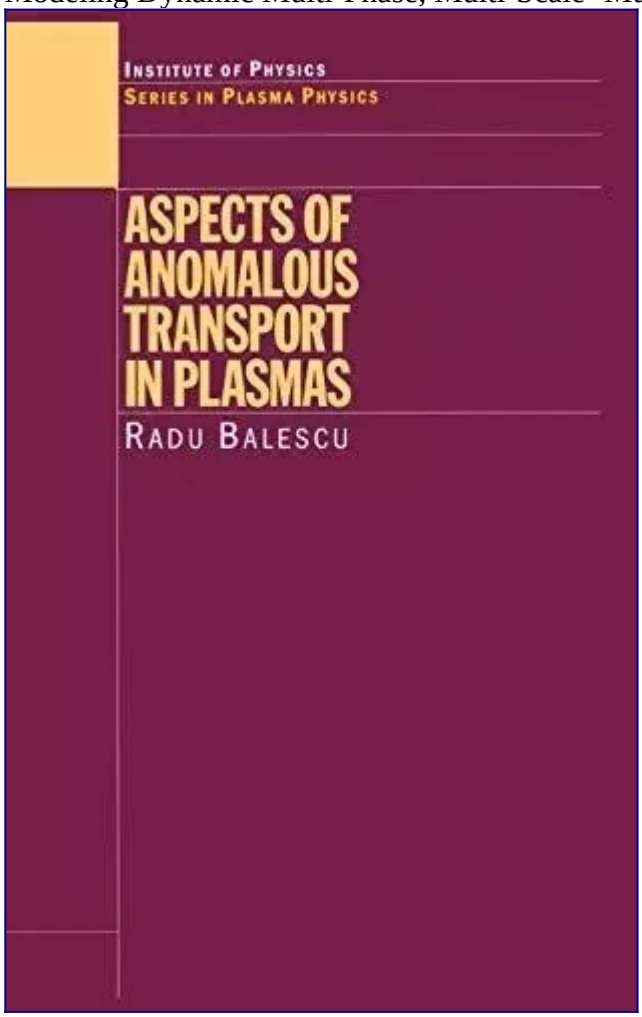
The most Difficult subject for the Antigravity Spacecraft Engineer is NUCLEAR TRANSPORT. Modeling Dynamic Multi-Phase, Multi-Scale- Multi Statistical Action gets confusing.



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5 Dec 2024
Replying to @Kaju_Nut
Over the next 3 year, you will see "DISRUPTIVE TECHNOLOGIES" abruptly dump into mainstream.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
5 Dec 2024
Replying to @LilithDatura
A standing wave has a Standing wake. When a Wave moves through nothingness, there is more nothingness on the Forward side of the Wave Front.

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Replying to @ElijahSchaffer

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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5 Dec 2024
Replying to @matt_moebius @toobaffled
Thoria and Ceria are utilized in Plasma Thermal Spray of the Fuselage to create a Dielectric Barrier. A thin Thoria coat in the Fuselage Spray up, increases Electron Tunneling Efficiency by establishing a Final outer Barrier to Free Electron Eikonally stretchered from the vehicles center mass, outward to the Outer Electron-Electron Barrier. This makes the Barrier's Work function similar to a Diode.

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Replying to @74WTungsteno

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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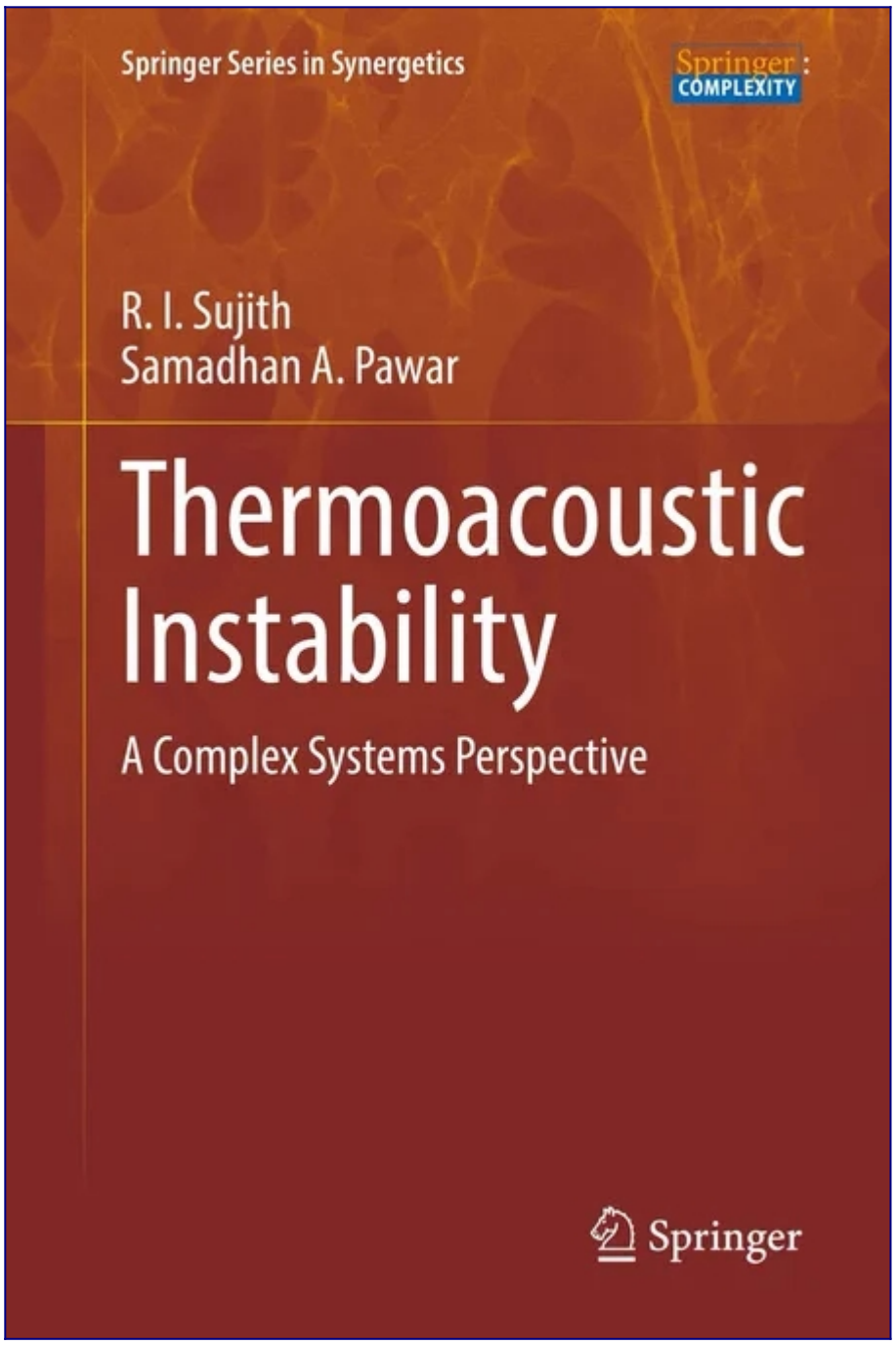
In Antigravity Electric Field Propulsive Spacecraft Engineering, the STATIC KINETIC Force Field consist of LONGITUDINAL Thermoacoustic, Magnetoacoustic and Electroacoustic Non-Propagating Waves, in tiny, tiny Locality of Equilibrium.



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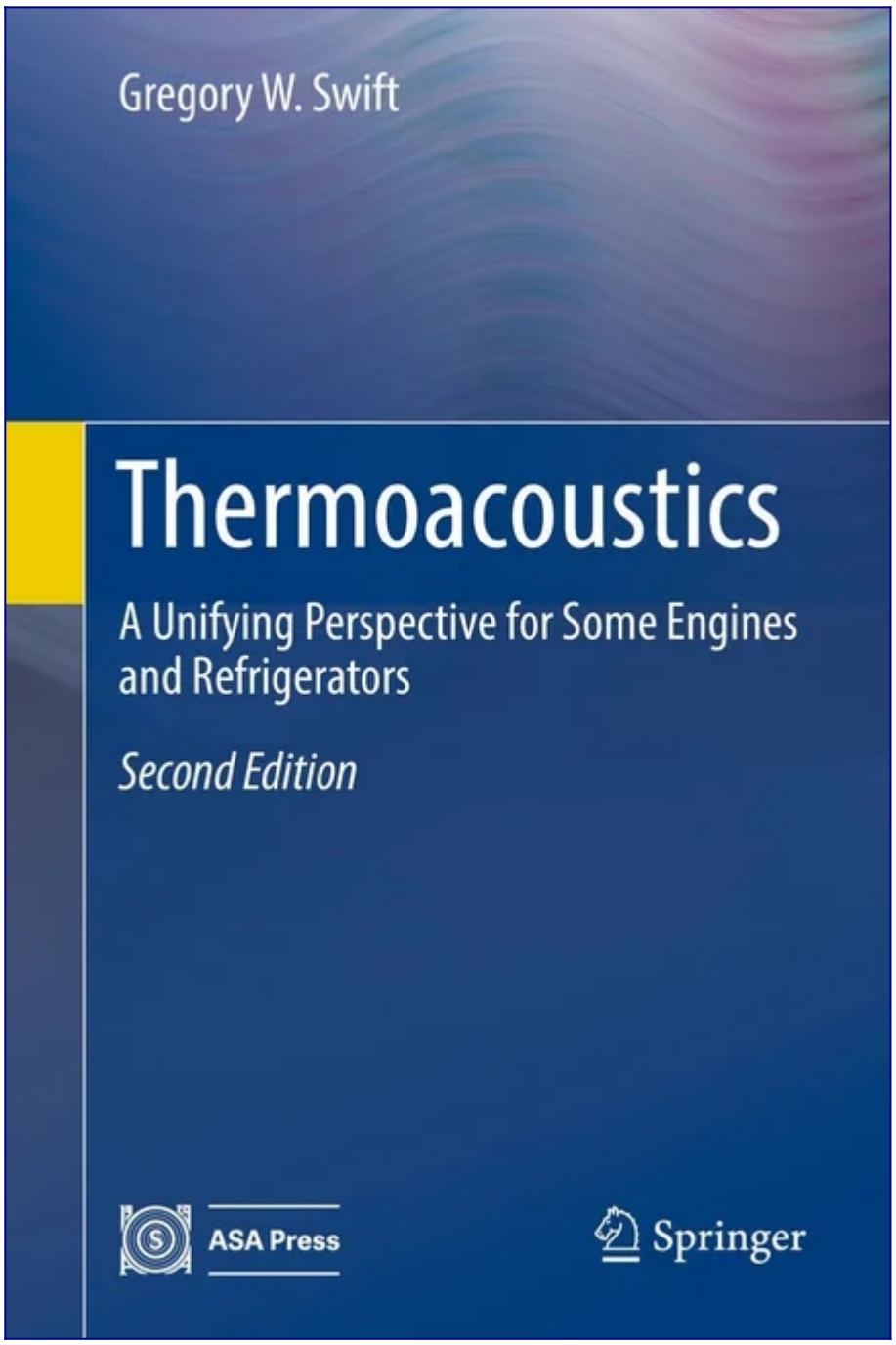
Important Subject in Antigravity Plasma Research Studies. lays the foundation to understand Non-Propagating Thermalacoustostatic Standing Waves.



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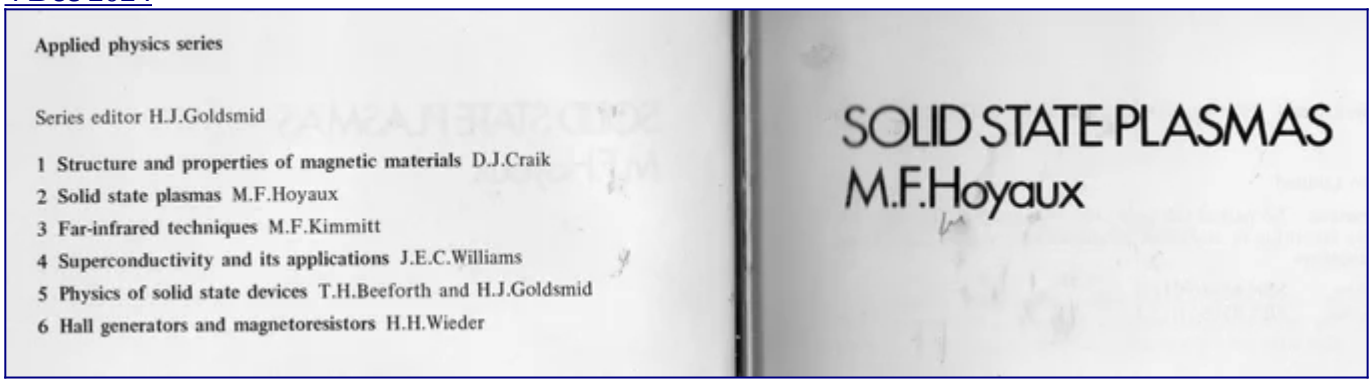

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Textbook picture is In response to the Fake PhDs whom DM me, to state, No Such Field Exist cause Einstein was Wrong. No such thing as Solid State Plasma. We do live in an Idiocracy 1.5. This guy lost his eye in a Oil Field Accident and used his Work Comp Money to learn to work on airplanes, then used that skill to learn to fly, then used that skill to invent the Spacesuit, cause nobody would hire him as an Engineer, cause he didn't have a degree. Degrees are worthless. A Person's Knowledgeable is marketable Value, the degree is an illusion.

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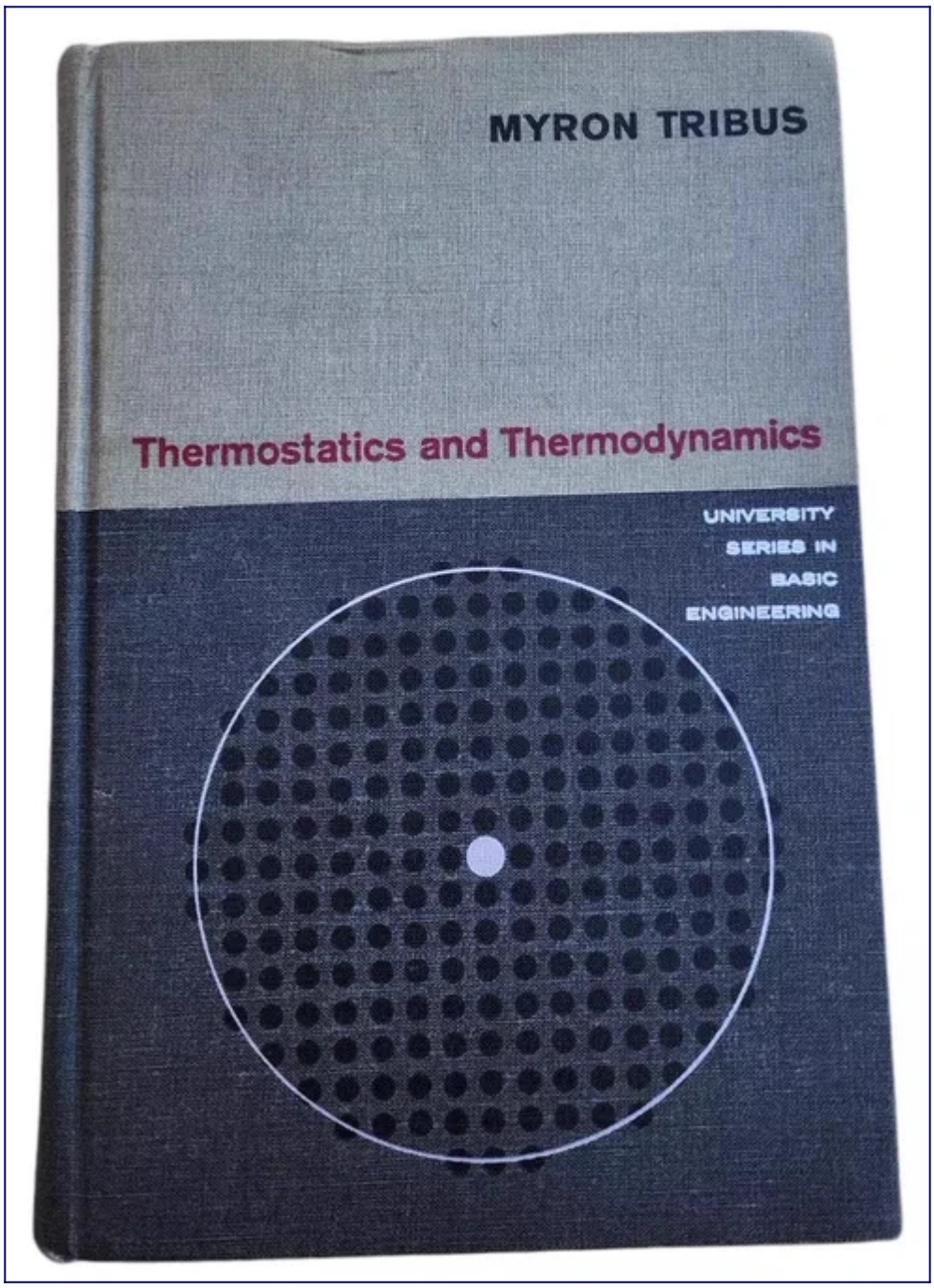
Plasma Fields are THERMOSTATIC in LOCALITY.



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4 Dec 2024
Replying to @chrisbledsoeufo
You can see the 2 DOF and 1 DOF Dispersal.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @RedTezla1
After you pass on, You have the Physical Structure from Multi-generational Family lineage as your spiritual physical structure. Your past relatives are Physical Dimensional Structure.

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4 Dec 2024

Replying to @RedTezla1
I ate 8,000 textbooks over the last 40 years. Next year, The David Drumlin's of the world will try to Lie and say my Spacecraft are reverse engineered UFOs.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @RedTezla1
Some study hare like Erwin Schrodinger.

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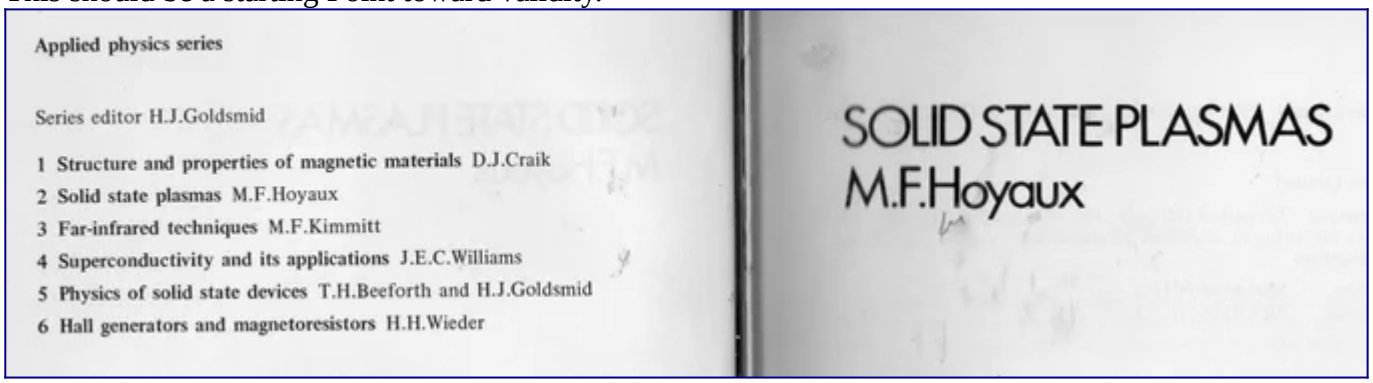
Replying to @Jerrywalgreen45 @neiltyson
You have model it for acceptance, Anything can be abstractly modeled with empirical methodology. This should be a starting Point toward validity.



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koco.com/article/ncaa-settle…

Oklahoma universities putting players on the payroll

The NCAA and Power Five conference schools will soon be directly paying players, and Oklahoma universities are prepared following the passing of a bill this legislative session.

koco.com

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4 Dec 2024
Replying to @RedTezla1 @ufob0t
Cash powers the Saucers. Lots of Cash.

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sports.yahoo.com/a-250m-pric…

A $250M price tag: How SEC coaches will pay their football players

Hanging over this year’s college football season is the historic concept that'd permit schools to directly pay their athletes.

sports.yahoo.com

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My Employeer, University of Oklahoma will be Paying Students in the Football Program, More than they Pay the Professors. Students in the SEC Football program, already get the benefit of Automatic C for any course they fail. Degrees are worthless.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @RogerJStoneJr
God Bless Nydia and Roger Stone!

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4 Dec 2024
Replying to @planethunter56
Is that Kit Green under the table!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @TimothyAlberino
God Bless Timothy Alberino !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @bimmerboro
The Chemtrailing is a Chemical Reaction from Ionization of metals in the fuel. They do not turn "a system" on and off. The visibility will present itself when the adiabatic conditions are "just right'. So breaks in the trail are due to temperature inversion regions or high moisture cloud banks.of the atmosphere. I was asked at the beginning of the Indigo Sky program and declined due to the destructive nature of the program. The metals they use do not need to be in Jet Engine Fuel. They must add Ethylene Dibromide to scrub the metallic soot off Jet engines internal turbine exhaust flowpath.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Dec 2024

Replying to @AshtonForbes @ashtonforbes
When the Orbs approach the aircraft you see ION SEED GAS being mixed into it's flight path. The seed gas doesn't propagate very far. When cold the Ions lags till the Ion heat up, in the it follows behind the vehicle in "Transport". The Ion seed gas super ionizes the Field to Lube up NUCLEAR TRANSPORT. The Gas Ionizes the the path because the ambient adiabatic atmosphere's minimum Fermi level is to low to allow Nuclear Transport 1 DOF Force.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Dec 2024
Cubical models are the worse shape in Antigravity Spacecraft Engineering, inviting death to ride Right Seat with you. The Square edges give way to Coronal Avalanche to easy due to micro-eddy's having velocities above the Speed of sound inducing perturbation that consume excess energy, just to Damp your corners. youtu.be/watch?v=mB1lMF9g…

Cube Inside of Transparent Sphere UAP, as seen by the pilots

Cube Inside of Transparent Sphere UAP, as seen by the pilots.What the UFO looked like: Dark cube in a translucent sphere | Ryan Graves and Lex Fridman.Join t...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Dec 2024
Replying to @realchasegeiser @LindseyGrahamSC @PeteHegseth
When I was on a USAF bootstrap to UT, I met the guy on the right George jr., just before he became governor of Texas at the PageAvjet Hanger off 51st street (E 5501), at the old Austin Airport. He use to play Poker with Bill Clinton, who flew in on Air Force One several times. The guy on the right I met at the Ramstein AFB 1984, at the new Burger King. Ms. Linsey was prosecuting a guy from our units tool crib whom made Kiddie Porn tapes. He was TDY for the prosecution and we gave him a ride back to the Base Legal Office in our (old USAF Deep Blue)

Step Van.(you kept the TOs under the back seats, (Grab the least dirty copy) Looking back, they have both wasted their lives chasing Fleeting money and Fleeting power.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @space_stations
The velocity of the vehicles I worked with rendered Fuel, Energy a minor engineering consideration due to efficiency improvement not yet seen in the commercial sector. Generating self-containing Plasma's consisting of cold Metal Ions joined at the hip, 90°, to a Superheated 10000K Electron Lattice, generating large dimensional Vacuum Fields of substantially lower adiabatic pressure than found in space and not used on commercial aerospace vehicle today. It is possible that, within 10 years, we may have craft capable of going to the end of the Universe in less than 15 minuets where the only limits are in the Navigation reference systems. (BS Warp Drive)

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Dec 2024
Replying to @space_stations
I've been lobbying my friend at the FAA to establish Spacecraft Structural regulations for a "Baby Rating" similar to the "Human- Rating" on Rocket Engines. en.wikipedia.org/wiki/Human-…

Human-rating certification - Wikipedia

en.wikipedia.org
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3 Dec 2024
Yes, Institutional Rot from the Architects of the Technocracy.

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3 Dec 2024
Replying to @Mukshud @mukshud
Every Volume has an Abstract Inwardness that is infinite away from the Volumetric Boundary in some methodology of mathematical Models. In studying Mathematical Modeling I have accumulated over 8000 unique monographs in the last 40 years that beats the internet hands Down. The is so much research on such obscure Plasma Effects hidden in Mongraphic Textbooks. Mountains of information found there has never made it to the Internet. Mankind has completed the research into Gravitation in the 1940s, it just hasn't realized it due to gatekeepers. The information hidden by gatekeepers on Health dwarfs the covert science program as the Pharmaceutical corporation business model is to also Finance things such as CDC Pathogen Spraying US cities in a "Public/Private Biowarfare Partnership to help with population control. The week after they shot Kennedy in Dallas the City announced it would spray Oak Cliff Dallas for Mosquitoes. The DOD told my Dad to take His Family out of town(Oak Cliff) on weekends in December 1963. They sprayed concentrated DDT and Malathion to kill off a segment of the Oak Cliff population around

the area where Lee Harvey Oswald lived. They didn't die immediately, They died over the following year from Cancer. Yang is coming for those people.(Andrew?)

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @space_stations
Pressure differential for spacecraft determined back in 1950's was 10.6 PSI at 22% Oxygen. Many aircraft are pressure tested at this atmospheric pressure differential level. An Engineering Standard from the 1963 specified a Structural design that can maintain 125 PSI at 350° with double pressure vessel hull design for Permanent Spacecraft.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
The Borg = Military Industrial Cocaine and Prostitution Complex.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @ItIsHoeMath
Degrees are worthless.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @matthew_pines
In book has a similar story, The Plot revolves around this guy named, Not Sure, who reigns in an out of control 21 Trillion dollar Military Industrial Cocaine and Prostitution Complex. He must work as the senior IG killing Fake Particle Beam Programs, Fake Transporter Programs, Fake Antigravity spacecraft that are based on YoYo's (aka Joe Firmage). Senior Command officials constantly jump his $#!+ cause he will not order classifications on Antigravity and Energy production devices and he talks openly about everything to anybody that's nice. He spent 22 years overhauling the US DOD/DOE Antigravity Program just to have private contractor granted access to all his private classified antigravity research on Ion Modulation techniques that generate a 2 degree of freedom plasma vacuum bubble induced by a standing shockwave, whose WAKE is an vacuum lower than found in outer space. His Commander ordered Not Sure to return Home and bring everything I have and GIVE it to "THEM"(the Lockheed boys). Not Sure went on to develop Thoriated Incandescent Heated antennas and 35= major safety related improvements to the vehicles so they can be safe enough to be rated FAA "Baby Safe". (SpaceX rockets are not Rated "Baby Safe". Don't put babies on rockets.... Well, in 2020, a Fake Globalist Pandemic was staged and CoVid Nazis told Not Sure he wasn't welcome there because he would not wear the Mask if a Slave. Not Sure had been through an IED back in 2005 and was livid when a Blue Haired anti-Human (must be Alien) told him he was making everybody in his state sick. The next day, Not Sure's commander was livid because several enlisted turned in Religious Exemptions, proudly telling their commanders, Not Sure Help them write their Exemption Request. It read sarcastically well. The next Day at work, Not sure's commander told him, the Upper Ups at USAF (uncle suger) didn't want him on a base anymore. Not Sure was escorted with SP escort to the Personal Office, called the Vault, to have discussions about his immediate separation due to some female Navy Admiral calling her OKC cousin, Fauxahauntus, complaining that I had stopped her CoVid Measures Implementation. When they tried to Outprocess Not Sure, the phone rang and they told Not Sure to return to Kirkland to out process in 2 days. When Not Sure was out-processing at Kirkland they offered Aerospace Corporation Stock and Fake retirement Annuity checks under the condition of

signing NDAs. Not Sure refused to sign any NDAs on his OWN research and research that can be found readily in textbooks.

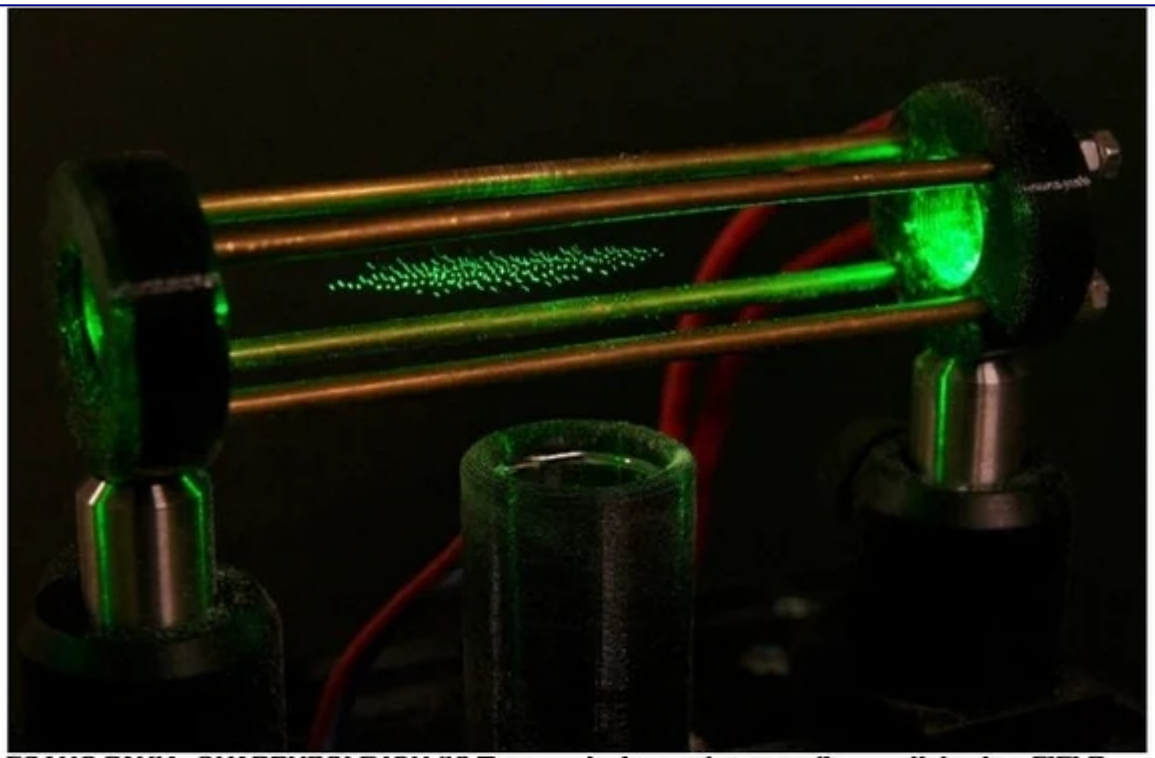
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @NonCredibleUFOs
Don't let David Drumlin's or Brian Cox wanna bees near your spaceship. They will destroy it as they try to destroy themselves.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @1himansh_
GOD BLESS SHIVANAND PATIL ! May you have the nicest Dispensary on Mars.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @rabbitholebot @ufob0t

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @BrandonFugal @Cjtweets333 @VivekGRamaswamy @ShawnRyanShow
How would a Fan, suggest a Scientific Experiment to the Team, such as Optically Charging the Hydrogen Lattice structure in the inter dimensional structures that rise out of the Ranch ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
You are witnessing multi high powered Radars in Calibration modes. Most likely the WXR-88 and WSR-88 series.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @NewsBowne
God Bless Jon Bowne.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
I don't know about Free Energy, I know Thermal Sinks and 1 DOF and 2 DOF methodology to channel Ionic Transport in it's purest sense of Kinetic Force, then convert through Amorphous Structural Channeling to fold those transport vectors in to multi Electron Coulomb gradient lines of force(field). Because 2 people speak a differing language on a single subject doesn't me the other is in valid. Only lack of understanding is invalid.

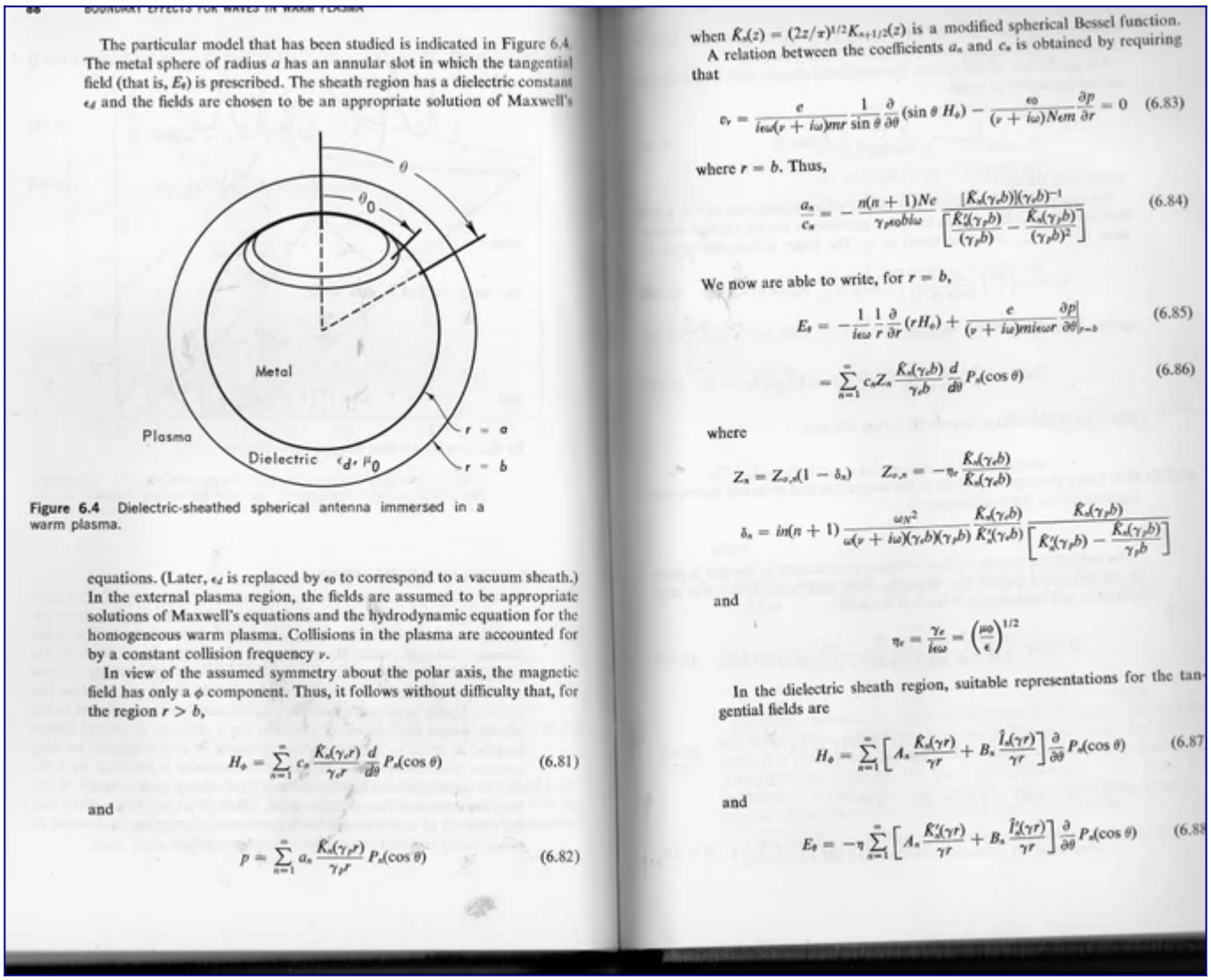
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @Dragonmaurizio
Wolfgang Pauls Trap + Ionic Levitation.



WOLFGANG PAUL's QUADRUPOLE ION (K) Trap capturing and suspending particles in a FIELD.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Dec 2024
Replying to @limitlessenerg7 @BGatesIsaPyscho
When the Ultrasonic Exciter circuit is energized, it causes the entire length of the quartz-metal bonded surface to become superconductive.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @N8_____N8 @UAPinvestigatio
The Orb is my second choice in engineering shapes. Incorporating Landing Gear into a Fuselage subjected to pressures substantially lower than outer space is problematic. The Dipole/Rod shape knock many engineering constraints out of the Problem window.



The particular model that has been studied is indicated in Figure 6.4. The metal sphere of radius a has an annular slot in which the tangential field (that is, E_θ) is prescribed. The sheath region has a dielectric constant ϵ_d and the fields are chosen to be an appropriate solution of Maxwell's

Figure 6.4 Dielectric-sheathed spherical antenna immersed in a warm plasma.

equations. (Later, ϵ_d is replaced by ϵ_0 to correspond to a vacuum sheath.) In the external plasma region, the fields are assumed to be appropriate solutions of Maxwell's equations and the hydrodynamic equation for the homogeneous warm plasma. Collisions in the plasma are accounted for by a constant collision frequency ν.

In view of the assumed symmetry about the polar axis, the magnetic field has only a ϕ component. Thus, it follows without difficulty that, for the region $r > b$,

$$H_\phi = \sum_{n=1}^{\infty} c_n \frac{\hat{K}_n(\gamma_e r)}{\gamma_e r} \frac{d}{d\theta} P_n(\cos\theta) \tag{6.81}$$

and

$$p = \sum_{n=1}^{\infty} a_n \frac{\hat{K}_n(\gamma_p r)}{\gamma_p r} P_n(\cos\theta) \tag{6.82}$$

when $\hat{K}_n(z) = (2z/\pi)^{1/2} K_{n+1/2}(z)$ is a modified spherical Bessel function.

A relation between the coefficients a_n and c_n is obtained by requiring that

$$v_r = \frac{e}{i\omega(\nu + i\omega)mr} \frac{1}{\sin\theta} \frac{\partial}{\partial\theta}(\sin\theta\, H_\phi) - \frac{\epsilon_0}{(\nu + i\omega)Nem} \frac{\partial p}{\partial r} = 0 \tag{6.83}$$

where $r = b$. Thus,

$$\frac{a_n}{c_n} = -\frac{n(n+1)Ne}{\gamma_{p\epsilon_0} b i\omega} \frac{[\hat{K}_n(\gamma_e b)](\gamma_e b)^{-1}}{\left[\frac{\hat{K}_n'(\gamma_p b)}{(\gamma_p b)} - \frac{\hat{K}_n(\gamma_p b)}{(\gamma_p b)^2}\right]} \tag{6.84}$$

We now are able to write, for $r = b$,

$$E_\theta = -\frac{1}{i\epsilon\omega} \frac{1}{r} \frac{\partial}{\partial r}(rH_\phi) + \frac{e}{(\nu + i\omega)mi\epsilon\omega r} \frac{\partial p}{\partial\theta}\bigg|_{r=b} \tag{6.85}$$

$$= \sum_{n=1}^{\infty} c_n Z_n \frac{\hat{K}_n(\gamma_e b)}{\gamma_e b} \frac{d}{d\theta} P_n(\cos\theta) \tag{6.86}$$

where

$$Z_n = Z_{0,n}(1 - \delta_n) \qquad Z_{0,n} = -\eta_e \frac{\hat{K}_n(\gamma_e b)}{\hat{K}_n(\gamma_e b)}$$

$$\delta_n = in(n+1) \frac{\omega N^2}{\omega(\nu + i\omega)(\gamma_e b)(\gamma_p b)} \frac{\hat{K}_n(\gamma_e b)}{\hat{K}_n'(\gamma_e b)} \frac{\hat{K}_n(\gamma_p b)}{\left[\hat{K}_n'(\gamma_p b) - \frac{\hat{K}_n(\gamma_p b)}{\gamma_p b}\right]}$$

and

$$\eta_e = \frac{\gamma_e}{i\epsilon\omega} = \left(\frac{\mu_0}{\epsilon}\right)^{1/2}$$

In the dielectric sheath region, suitable representations for the tangential fields are

$$H_\phi = \sum_{n=1}^{\infty} \left[A_n \frac{\hat{K}_n(\gamma r)}{\gamma r} + B_n \frac{\hat{I}_n(\gamma r)}{\gamma r}\right] \frac{\partial}{\partial\theta} P_n(\cos\theta) \tag{6.87}$$

and

$$E_\theta = -\eta \sum_{n=1}^{\infty} \left[A_n \frac{\hat{K}_n'(\gamma r)}{\gamma r} + B_n \frac{\hat{I}_n'(\gamma r)}{\gamma r}\right] \frac{\partial}{\partial\theta} P_n(\cos\theta) \tag{6.88}$$

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Word for Antigravity Spacecraft Engineers, THERMALSTATIC self defining, Non Propagating Thermal Region.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
BASICS When a POSITIVE and NEGATIVE CHARGE are in close proximity, they are attractive to each other. When two POSITIVE charges come into close LOCALITY, they experience a repulsive force. Similar to NEGATIVE charges, LIKE-Sign POSITIVE charges REPEL each away from LOCALITY. Greater charge does greater Field Displacement work. NEGATIVE charges REPEL each other and attract positive charges. When two negative charges approach each other, they will experience a repulsive force. This means they will push each other away due to the electrostatic repulsion between like charges.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @Zlatti_71

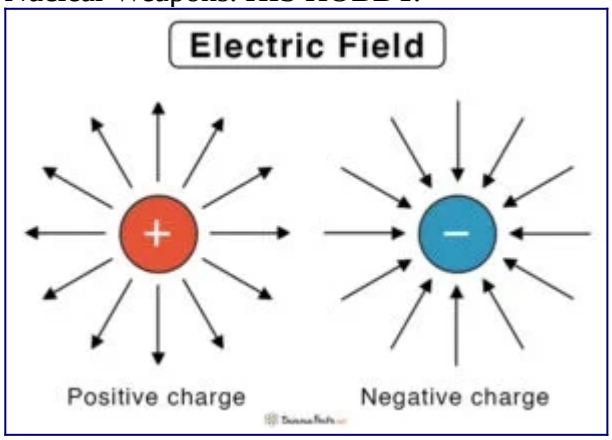
In a Democracy Laws apply to "Classes of PEOPLE", Political and Celebrity Classes are exempt. In a Republic the Law Apply to Everyone !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @UAPinvestigatio
I prefer the 4:1 Cylinder Shape. Reduces Engineering Constraints.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @Michael_Yon
EIKONAL Constant.
Load more
Load newest
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @Alien_Scientist
I know of 5 Triangular shaped DOD/DOE antigravity vehicles. They should all have been un-manned only models. A Antigravity DeathTrap is not advanced technology just because it comes with a Mega-million dollar price tag, can only be flown by their pilots(you know, it's not understandable to mankind cause it be alien technology, FAKE THEORY of OPERATION MANUALS, Radioactive Materials (you can substitute Electrete Materials) and No take panel off rules, and No picture or LOOKSIE insidesee Rules. Triangular Shape tells me, they only know Half@$$ Engineering and not beyond what they learned in their half of these programs.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Dec 2024
Replying to @BrandonFugal
Something Far Greater coming.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
The United States never had "need" of the Los Alamos programs as Ed Teller arrived with a suit cases full of his completed Hydrogen and Nuclear Weapon designs, He had hand drawn over dozens of designs and igniters, 10 years before he was ever invited there. Ed tellers hobby was designing Nuclear Weapons. HIS HOBBY.



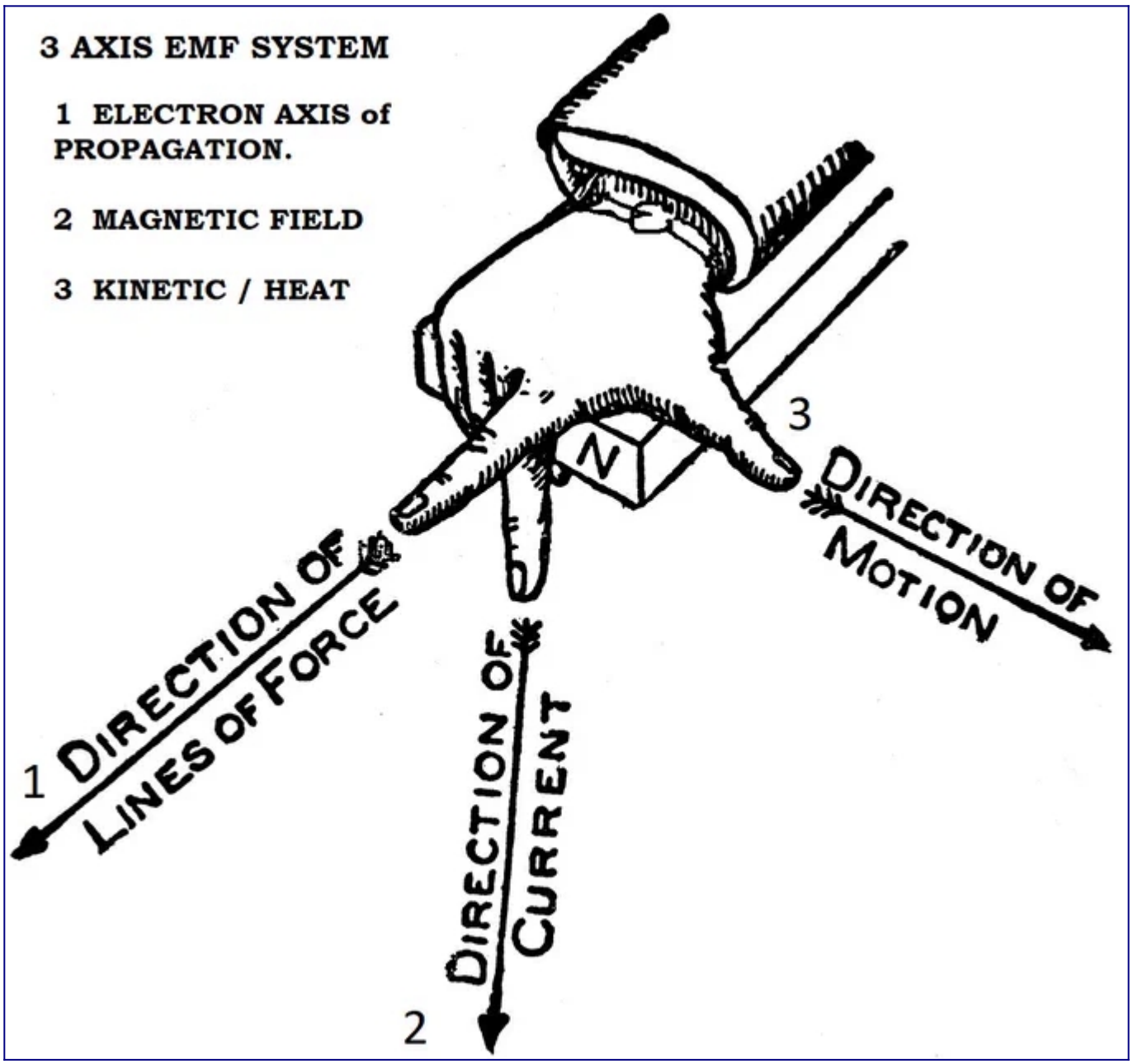
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @HkanEri05782715
Captain Kirk made a movie about my Uncle Bernie. youtu.be/watch?v=TdAFoKat…

Nuclear Weapons Documentary Nukes in Space The Rainbow Bombs XviD mp3...

Nuclear Weapons Documentary Nukes in Space The Rainbow Bombs XviD mp3 DVDrip Subscribe vesves More Videos: Thank for watching, Please Like Share And SUBSCRIB...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @matthew_pines @pmarca
There is a Standing Presidential Order from 1947 that all Advanced Physics will be classified and an 1949 extension EO says Advanced Physics will be misdirected. That gave financing to the Dept. of War think tank Edward Bernay's ran which melded into RAND. One Classification is RIGHT HAND RULE of NUCLEAR TRANSPORT. Electric, magnetic and Kinetic Force are all tied by God at 90 degrees to each other. Kinetic Force trades Dimensional/Volumetric Expansion or Contraction for it's ability to Transport.

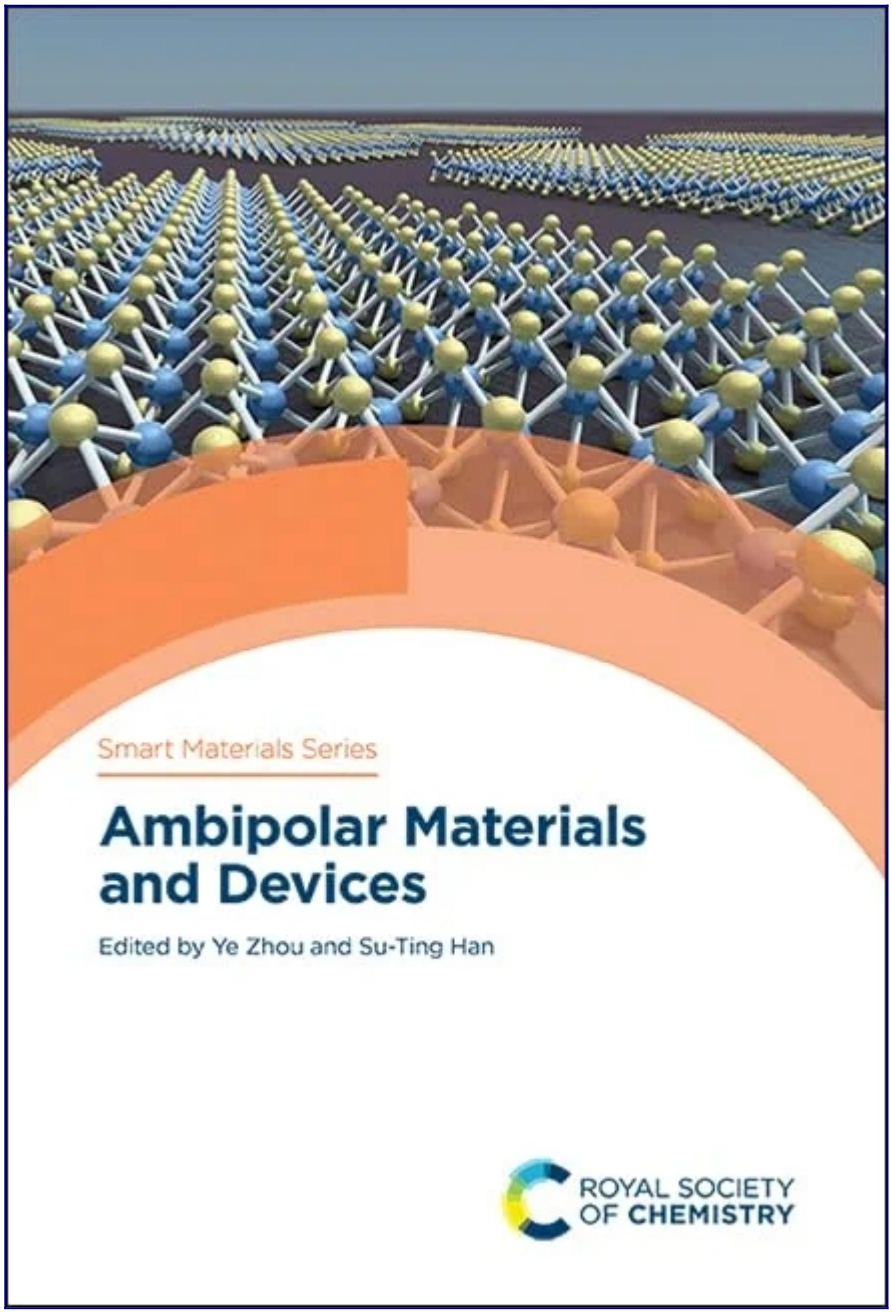


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @starshipwright @StarfieldGame @PFPAOfficial @davidgrusch
That model uses opposing (Non-Moving) LF External combustion Electron-ONLY Modulators. It has crappy stability in close hover and my super-instantaneously, spin out of control, disintegrating itself, due to lack of redundancy in such design. You loose one emitter you die.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Antigravity Vehicles can be flown like a blimp or flown like you cannot even see it. The Soliton Plasma-Vacuum-Bubble External Combustion methodology developed by me for the USA prevents missiles from Dimensionally approaching the vehicle. Older models did not have this feature. Older DOD/DOE models used an internal Plasma confinement Vacuum Vessel with an interior adiabatic

vacuum a magnitude lower than found in outer space. The older antigravity vehicle models's "Plasma Engine" (their stupid nomenclature), would heat the pressure vessel, where a massive static field extended out of the vessel and out of the vehicle, rending a field of WEIGHTLESSNESS/MOTIONLESSNESS. One Lockheed POS blew up in NJ back in 1991 killing 4. These are dangerous designs as the vacuum may, relativistically/virtually/equally be dimensionally millions of miles away to the center of the Pressure vessel from the Vacuum Vessel's walls because the electrons must follow the lines of the Hydrogen Lattice of Continua, which has been electrostatically/Eikonally stretched along a 1 degree of single path RENORMALIZATION.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @LilithDatura
Yes, you are very astute, Same Ambipolar Diffusive techniques for 'Electrete Grain' building during Phase control methodology for production.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Errors, Grammar, language structure and mistakes in my post are purposeful. I am a Human. I am humble. I was the JANITOR in charge of Important Garbage.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @UAPGERB
People need to draw and post their best guess at advanced spacecraft design. Having real world engineers Stoically Analyse and the critique the constraints with Real world suggestions, right here in OPEN. I show everything in my designs. My major contributions to the US Antigravity Programs was, Incandescently heated Antenna, Diaphragm Ionic Modulator, Solid State Alternator efficiency improvements, Redundant Analog and Digital Feed-Back and control of Buoyancy Systems. Link16 Optical Datalink integration, 1 DOF and 2 DOF Fuselage projectable Force Fields, Quad Hull G Speed rated Fuselage. (I see Mr. Pias is on top of this but needs to move his Plasma Field to the Exterior of the Vehicle Via the Standing Vacuum Wake methodology.) Mr. Pias does have Plasma Physics understanding well above his peers and critics, I give Mr. Pias street cred for good engineering. Note on Older Deathtrap Antigravity vehicle design: The US DOD/DOE's Antigravity Operational test FCF unit had a large loss of life and hull rates using a design of a Negative Pressure Vessel as Plasma Vacuum Containment but it was necessary to generate a Vacuum of Magnitude greater than found in space for the Principals of this vehicle to operate as intended. These design vehicles(many still flying) required the Vacuum Vessel to be "Pumped Down" everytime, prior to flight, because Hydrogen Diffuse into the chamber right through the chamber walls. The hard Vacuum Pumping Mechanism is a Giant , trailer mounted, Mercury Bed, IONIC DIFFUSION Pump, where every pipe is 4 inch thick with 1/8 hole for vacuum handling. Side note: Lockheed had a 8 inch thick Manganese Steel Plasma Vacuum Vessel they where trying to "Shill" the USAF in 1990 as a "Spacecraft engine". One blew up in NJ back in 1991 resulting in 4 deaths killing their Shill program, dead in it;a tracks. They were in the middle of the presentation of their whole package to the DOD/DOE Military Industrial Cocaine and Prostitution Complex, when the briefing was stopped with the crash report.. We do not experience the 1 and 2 Degree of Freedom Force Fields found at the Micro-Nuclear Scale. These must be artificially generated at our 3D Macro-Diffusive-Adiabatically-Adherent-Scale. The techniques to generate 1 DOF and 2 DOF Force Fields are similar to those used in Antigravity Vehicles.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @UAPGERB
The Triangular Fuselage Design is Junk, cannot go faster than 34,000 mph due to Ionic Drag of Shape causing perturbations and Micro eddy at every protrusion, causing Plasma Instabilities when the Micro Eddys establish a diffusive rate in the Plasmosphere..where eddys create oscillations M>1. You can go faster then light speed with the proper geometrical fuselage arraignment. A proper Plasma Field will Push Ions and Electrons away from the fuselage with the Buoyancy Systems Vacuum bubble while never letting the Ions go on their own. The universal Hydrogen Lattice of

Continua's Ionic Field places an inductive drag on a propagating Electron giving rise to the illusion God made a speed limit at the Speed of Sound, I mean at the Speed of Light. So Ions set limits of M=MACH. ELECTRONS (Hydrogen Continua) set Limit on L=Light and velocity limits above that are held by G=Expansion or Contraction and can be artificially relaxed.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @MatrixMysteries
Aether is Not forgotten, Relabeled in 1929 at the "Hydrogen Lattice of Continua." Today's Modern Physics name in place of Aether is Universal COSMIC Thermal Background. Aether was studied so well it defines the entire physics field with differing names for it's differing velocity dependent domains. You must have missed the redefine of the 1920's and 1930's.

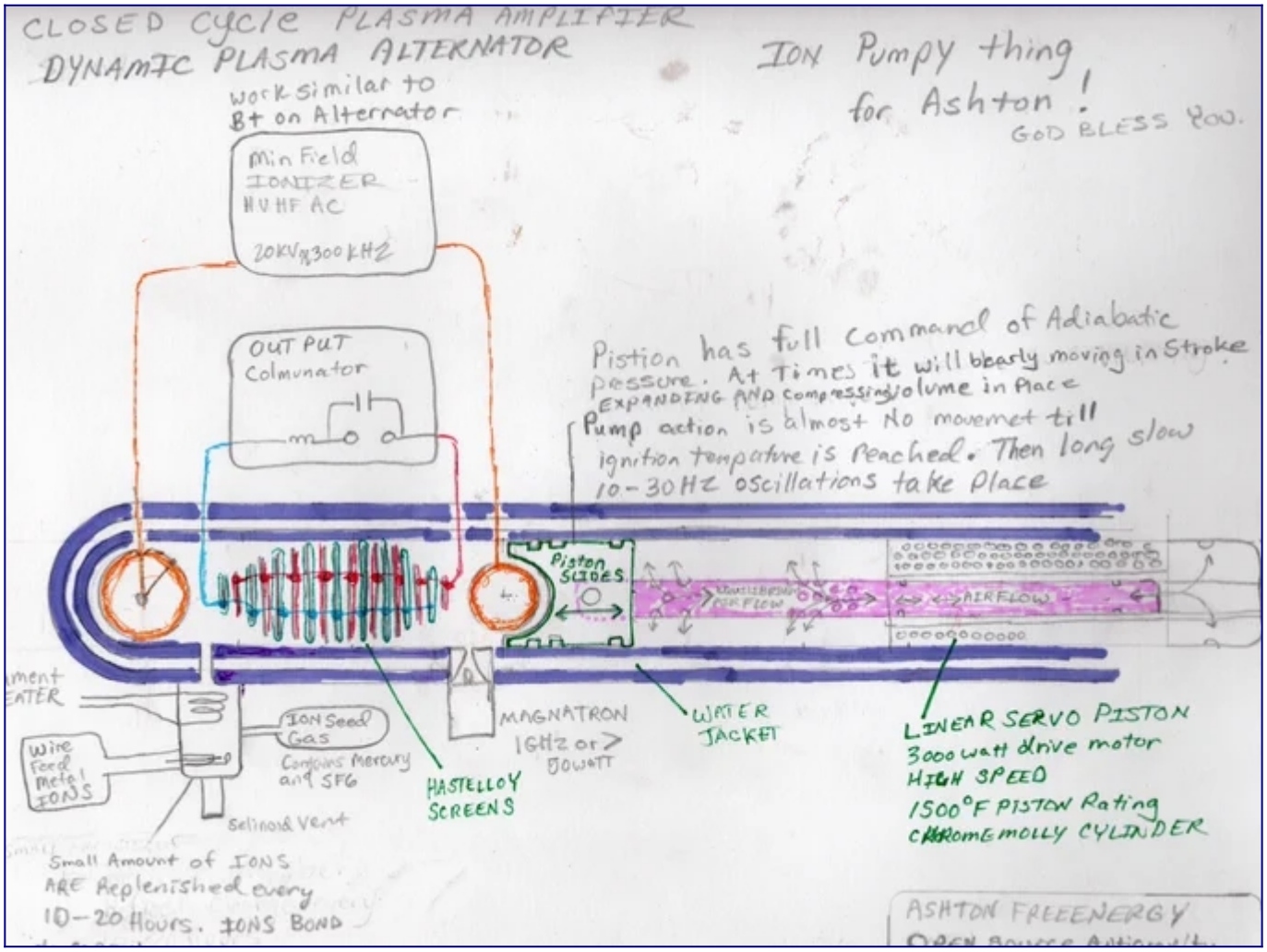
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Replying to @dogmomjenn @harryfisherEMTP
I was fired out of a USAF Antigravity research Program for not wearing a mask and helping Navy and USAF enlisted file religious exemptions after 38 years of service in 2020. We had just determined the Perimeters for a Nuclear Weapons detonation Damping System based on a Scaled Paul Quadrature Ion Trap built into military Installations. The program was canceled, without me helping it cannot progress. Nuclear Dampers use simple technique to increase the Density around the nuclear weapon detonations with it's initial Avalanche of Electron doing all the corralling work. The technique sets up a Ground Based system generating Large Zone above the facility, the has a light unseen Plasma Field held in place. Upon detonation a large Soliton Wall is formed by the system, Bunching the Avalanching electrons, creating 2 Degree of Freedom Flow . The system sets" Extreme Density of Field on one side of the Barrier and Ambient Adiabatic Pressure on the other side. Separated by a ELECTRON to ELECTRON hard bond "Grand Canyon" of nuclear Locality. The Soliton Barrier of the Nuclear Damper system's Outer Plasma "Self-Generating Force Field" has a Extreme Debye-Boltzmann Statistical Distribution where nothing but ELECTRONS of Equal energy can enter but never leave till the System is energized. During the "Catch" of the Nuclear detonation Avalanche of Electrons on the Front of the Shockwave has so much energy it can place such a Hot temperature that the surrounding Adiabatic Atmosphere "Backs UP and leaves a Micro-Nuclear-Scale-Dimensional Canyon in the Initial Detonation Wake. The Nuclear Zone will not be transitable for several years as the Nuclear detonations slowly subsides. I suggested building Solar Power Plants under the suspended Nuclear detonations as a benefit of the system. This is real, write DOD and ask. Nuclear Damper design credit goes to Lev Landau in a 1958 whitepaper suggestion to the USSR nuclear forces commander. We had 1972 Monograph translation on file at the AFIT library. Self Damping taken to a Mega-Scale, Thank You Lev.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
US State Department paid for those sniper in Operation Gladio Maiden. imdb.com/title/tt5724358/
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
1 Dec 2024
In the study of Nuclear Force Transport, Matrices easily visualized in Transient Action. Developed for EMF Scattering by Non-Spheroidal Particles the T-matrix method utilizes Spherical Vector Wave Functions to define Transport Vectors. en.wikipedia.org/wiki/T-matr…

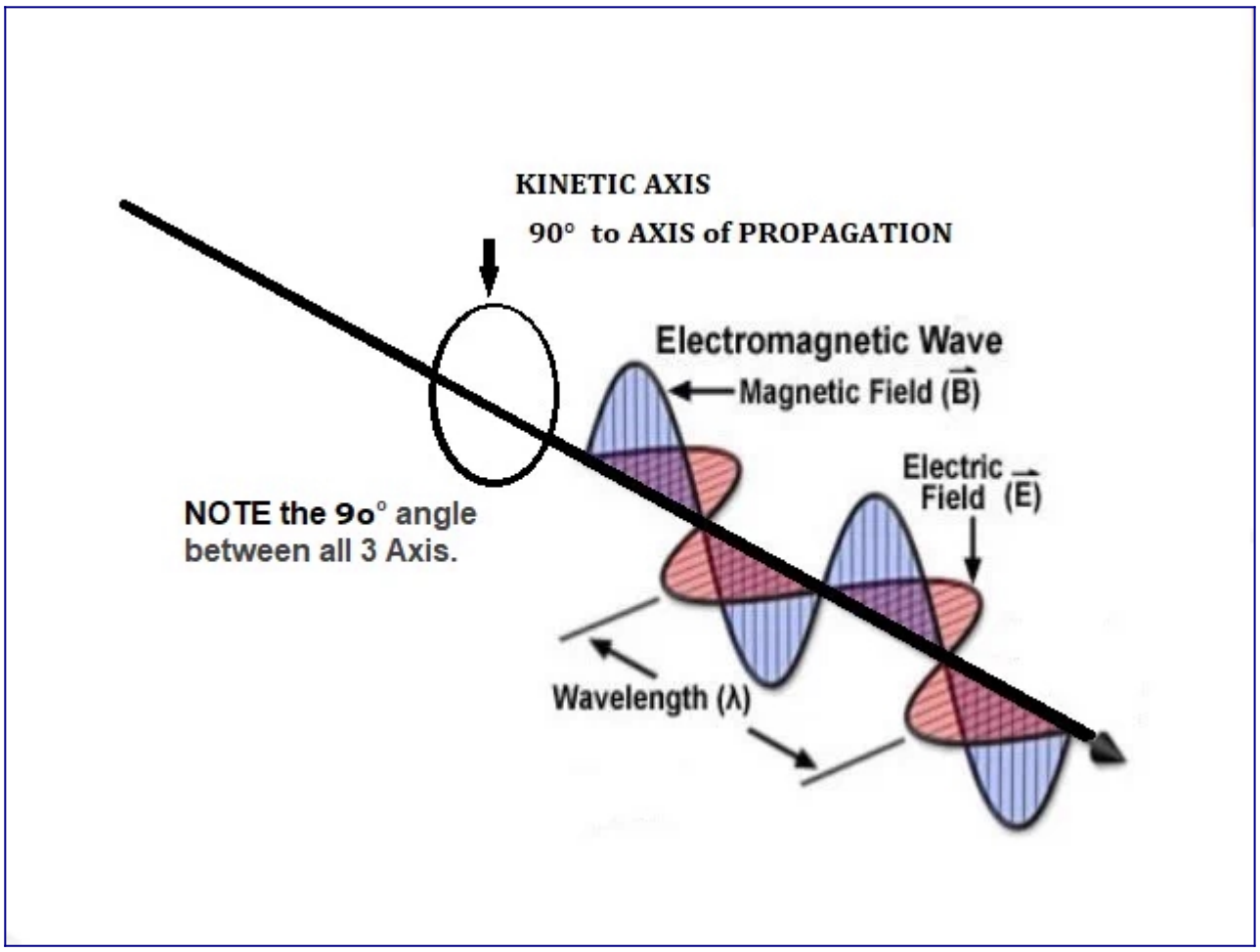
T-matrix method - Wikipedia

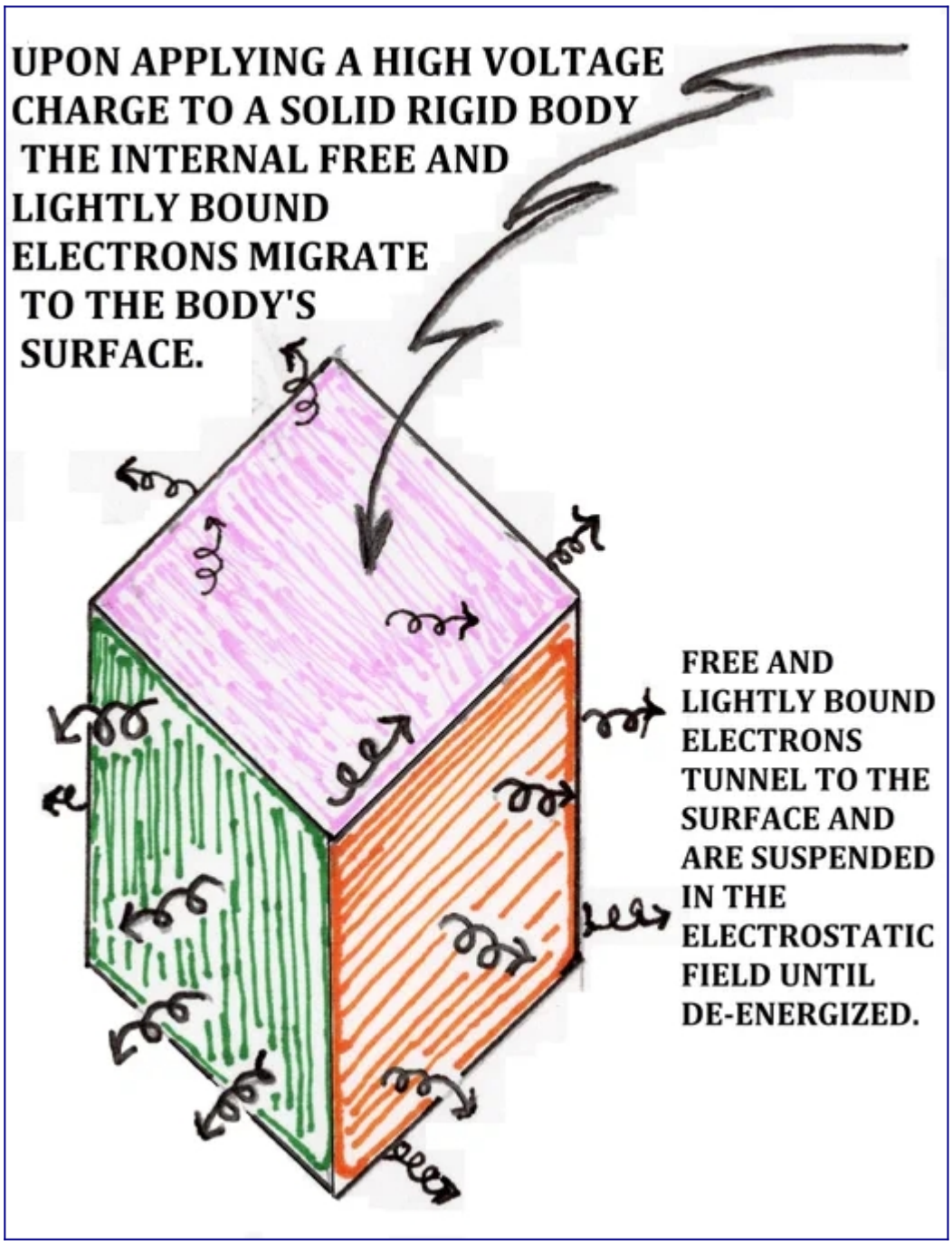
en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Dec 2024
Ion Pumpy Thingy. Make massive Arcs.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Nov 2024
I asked grok about my 3 Forces of Nature Right Hand Rule and it responds: In this context, where: E = Electron axis M = Magnetic axis K = Kinetic axis (also defined as the Axis of Propagation) we're looking at a specialized interpretation of electrodynamics and plasma physics where: E (Electron axis) could represent the direction of electron flow or electric field direction. M (Magnetic axis) would be the direction of the magnetic field. K (Kinetic axis) here is both the direction of propagation of electromagnetic waves or particles and the axis along which kinetic energy is

primarily directed. This is particularly relevant when considering phenomena like wave propagation in plasmas or the movement of charged particles. Electrodynamics and Plasma Physics: Electromagnetic Wave Propagation: In classical electrodynamics, electromagnetic waves propagate in a direction perpendicular to both the electric (E) and magnetic (M) fields. If you define K as the direction of propagation, then by definition, K would be perpendicular to both E and M. This aligns with the fact that electromagnetic waves travel in the direction of E × B (where B is the magnetic field vector, analogous to M here). Plasma Physics: In plasmas, where charged particles interact with electric and magnetic fields, the kinetic axis could relate to the direction of particle motion, especially in contexts like: Wave Propagation in Plasmas: Waves like Alfvén waves or whistler waves, where the direction of propagation (K) is influenced by both the magnetic field (M) and the plasma's motion or the direction particles are accelerated (E). Particle Transport: When discussing the transport of charged particles, the kinetic axis (K) could represent the mean path or direction of particle flow under the influence of electric and magnetic fields. Here, E and M are not just axes but forces that dictate the particle's path, with K being the resultant direction of motion or propagation. Nuclear Transport of Force: When E and M are in "transport of force", this typically means the interaction between electric and magnetic fields leads to forces that physically move or influences charged particles. In a plasma, the Kinetic Axis (K) then becomes the direction in which this force's effect is most pronounced or the direction of resultant motion or energy transport in propagation. Definition: In this setup: The Kinetic Axis as the Axis of Propagation when E and M are in transport of force can be understood as: The direction in which energy or information (in the form of electromagnetic waves or particle motion) propagates as a result of the interplay between electric and magnetic forces. This is particularly evident in contexts like wave propagation in plasmas, where the kinetic energy of the particles or the energy of the wave itself follows this axis. This interpretation is tailored to scenarios where the dynamics of plasmas or electromagnetic phenomena are described not just by static fields but by the movement and interaction of these fields and particles, leading to propagation along what you've termed the Kinetic axis. Note: This conceptualization isn't standard terminology but rather an adaptation for understanding specific physical phenomena in plasmas or electrodynamics where the direction of propagation or energy transfer is crucial.


KINETIC AXIS
90° to AXIS of PROPAGATION
Electromagnetic Wave
Magnetic Field (B)
Electric Field (E)
NOTE the 90° angle between all 3 Axis.
Wavelength (λ)



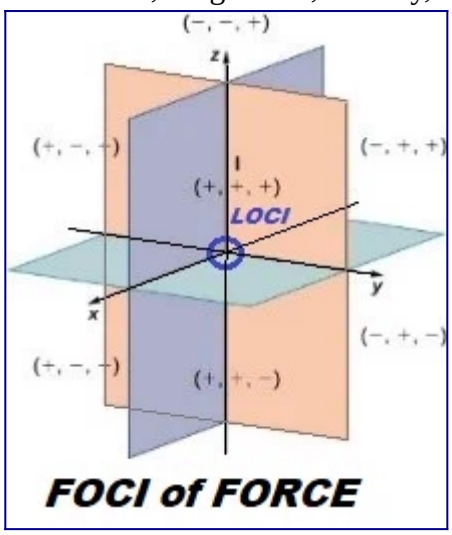
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Nov 2024
Replying to @XExcalibur333
Don't Forget Joe Firmage, He will feel left out.

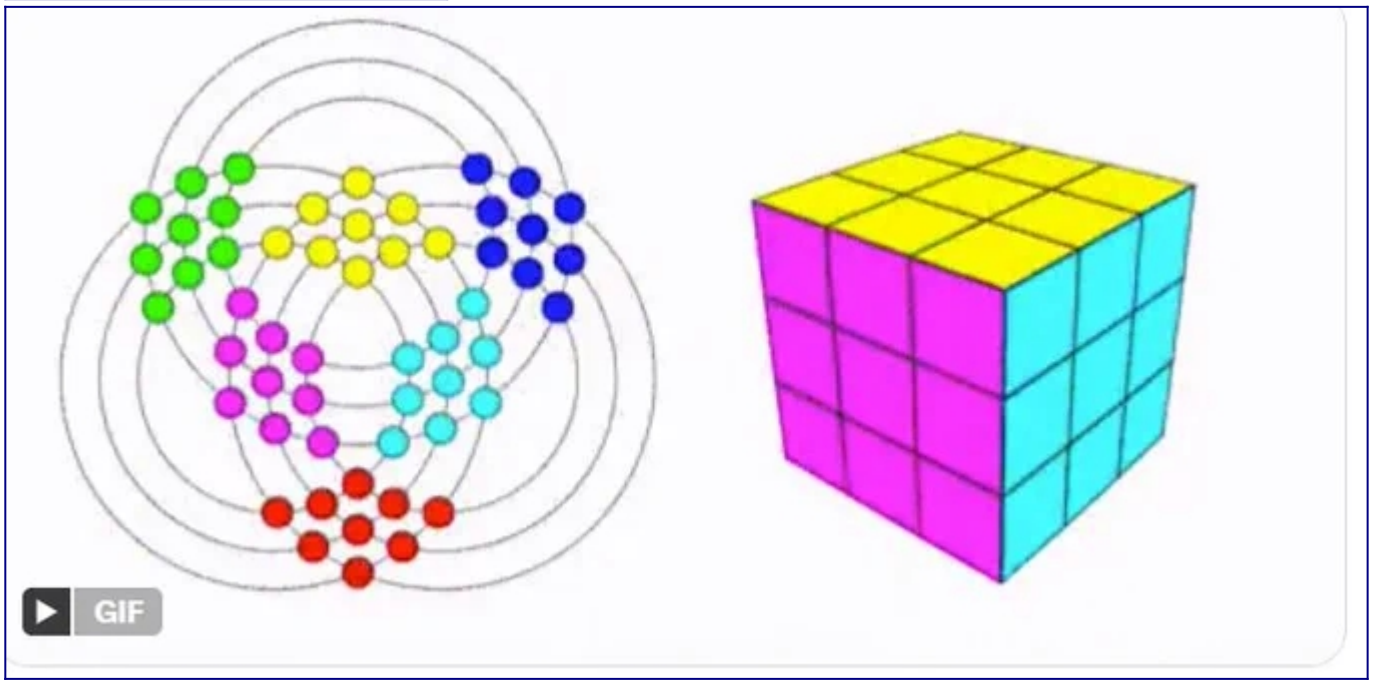
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Nov 2024
Ivo video on BACK-Kick in EMF. youtu.be/watch?v=GLKS-3q_…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

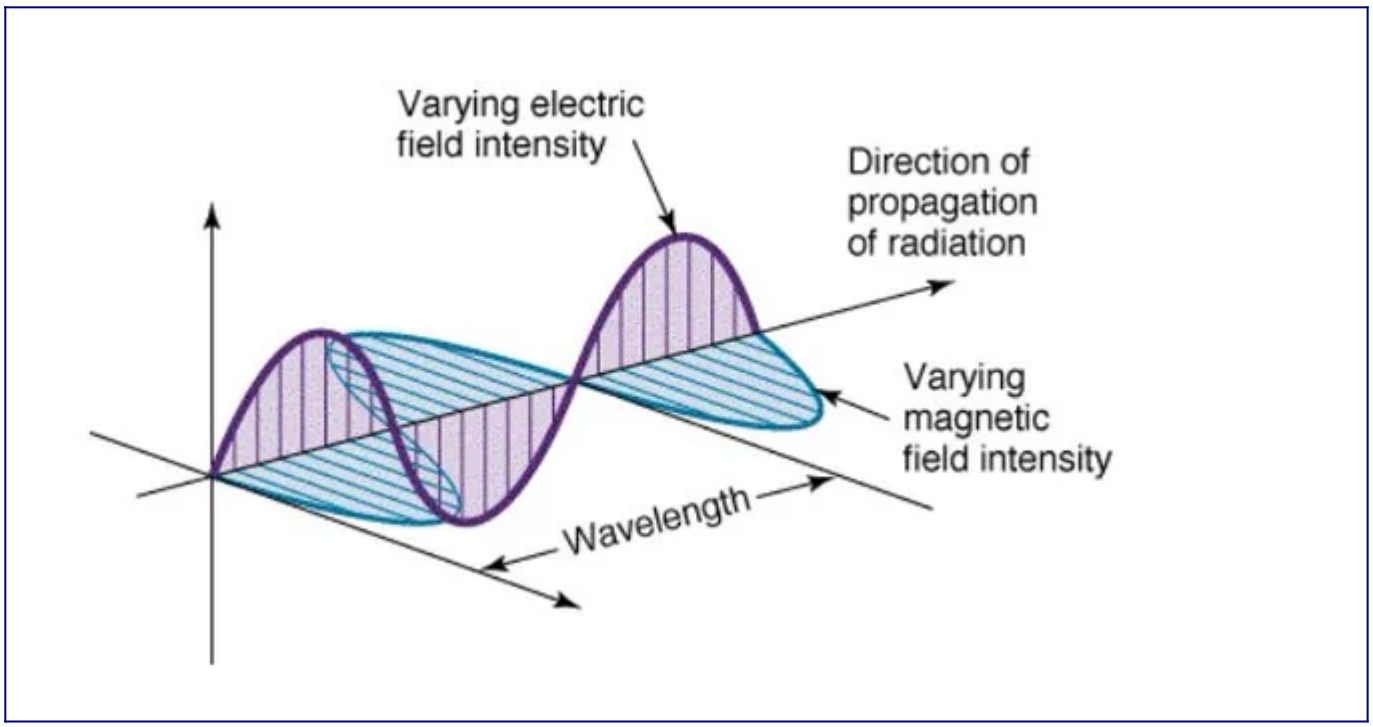
30 Nov 2024

Replying to @TMBSPACESHIPS @ashtonforbes

Per Nature; At the Center of the Electric, Magnetic and Kinetic Axis is a Zero Point. x0, y0, z0 + Time 3 Planes of ISOLATE Force. Which has 6 sides. Top, Bottom, Front, Back, Left, Right. Each Side of the CUBE has 9 Interfacial Transport Tensors representing a Guassian Distribution Pattern. with Vector, Magnatude, Density,







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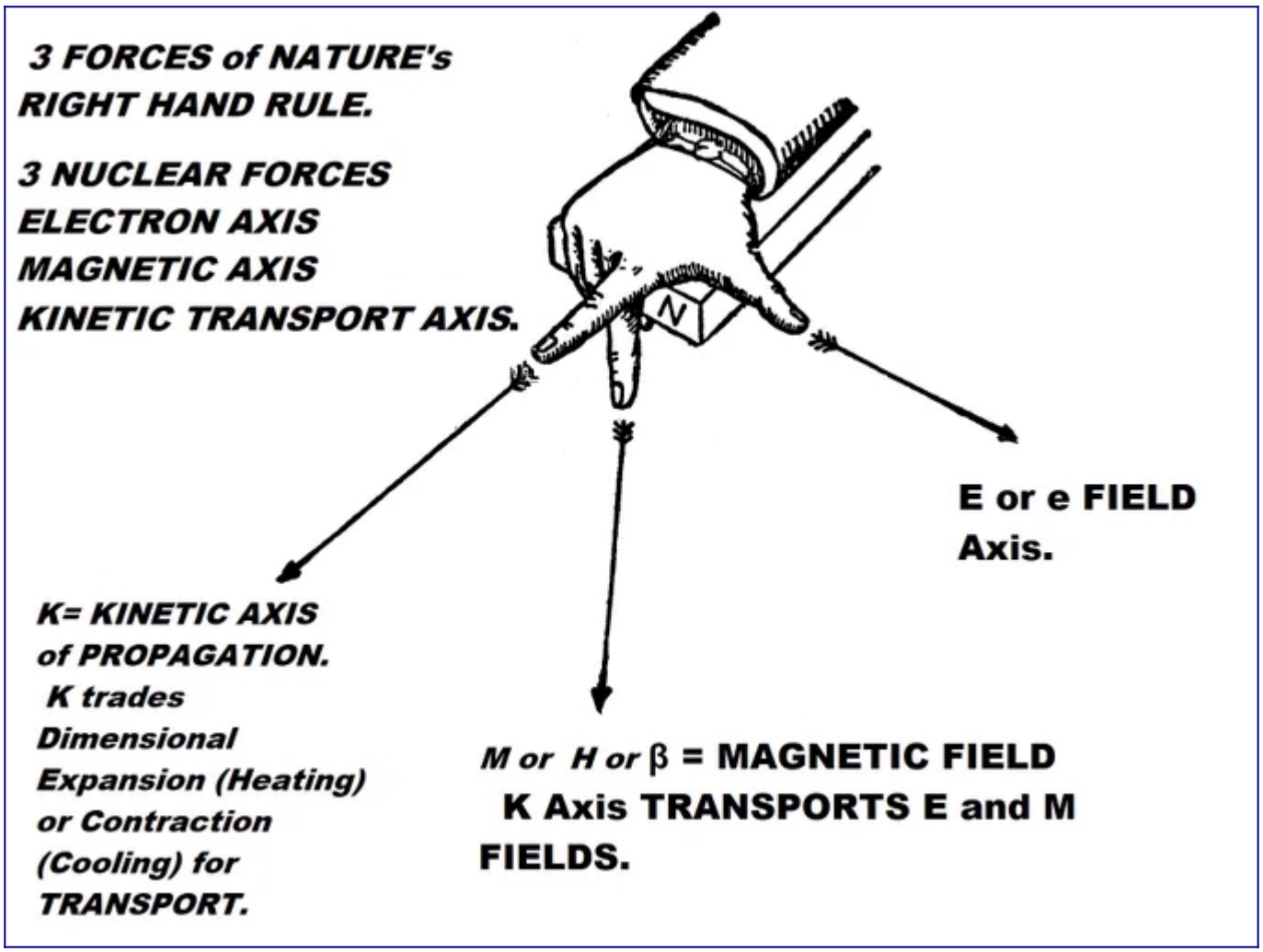
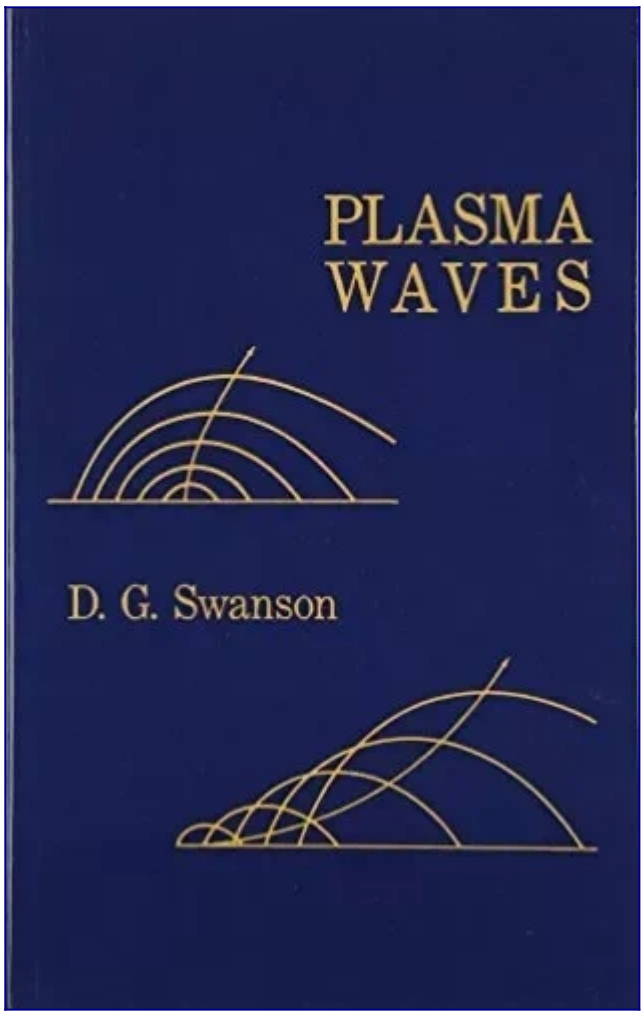
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Nov 2024

Replying to @AshtonForbes @ashtonforbes

Gravitation and Antigravity technologies are poorly understood due to not teaching Right Hand Rule of Atomic Force. 3 Nuclear Forces tied at Hip. Electrinic Axis Magnetic Axis Kinetic/Thermal Axis The KINETIC AXIS is AXIS of NUCLEAR TRANSPORT that Trades Heat and Cold for kinetic movement.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Nov 2024
Replying to @ousiaenergia
Personal note on Mitochondria activation, read an article on a method developed by a 80+ year old physician on Stem Cell Growth Activation. I was in the military for a long time and thought i knew all about running. The old doctor came up with this method, Start by walking up to about an hour, before you run. This is to warm up the Bone Structure. Then while walking run in spurts of about 100 to 200 feet , then stop and walk, repeat this pattern. Keep up as long as you can. What happened to me, I feel growing pains in my legs the same as when I was a child. Growing pains are from marrow growth. You can prove this to yourself.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Nov 2024
Best general Plasma textbook available. Great start for Antigravity Spacecraft Engineers.
rguir.inflibnet.ac.in:8080/j…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
28 Nov 2024

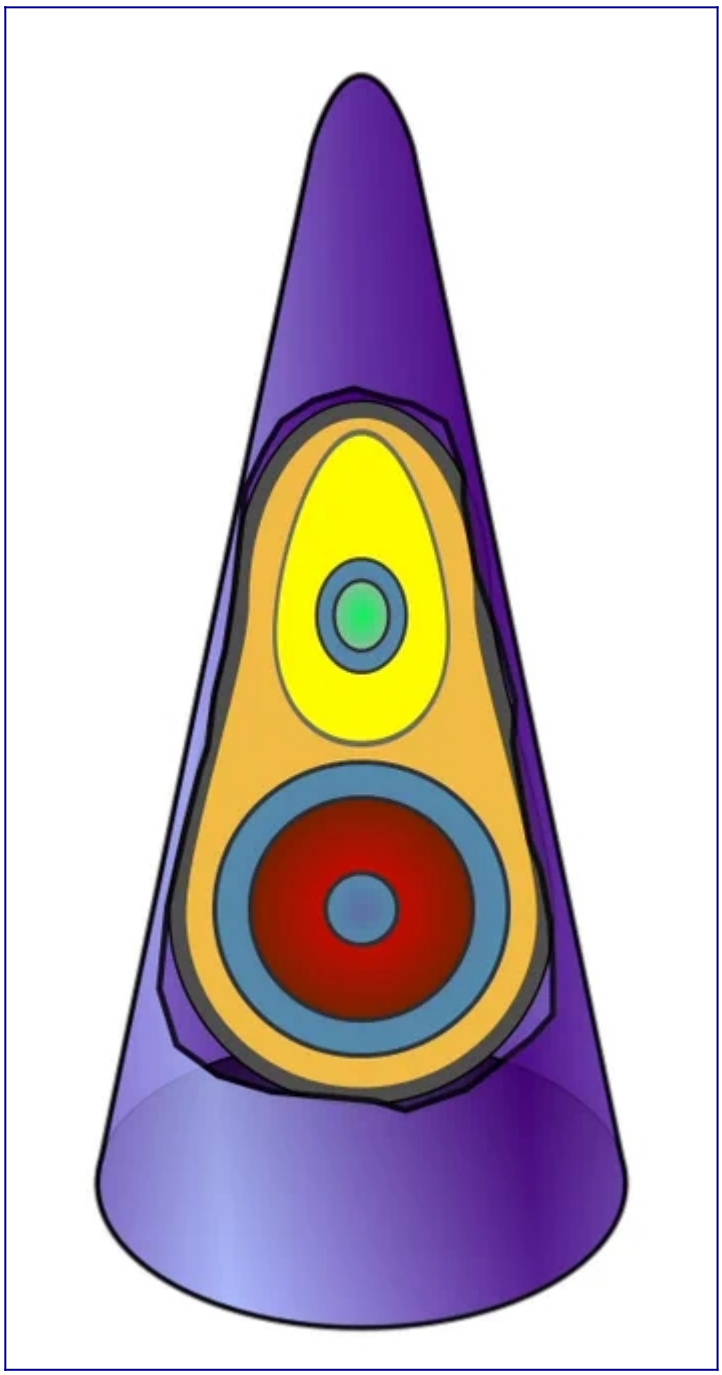
When Ionically Seeded Thermal Plasma oscillates (is physically pumped back and forth) through a electrically and thermally insulated pipe with insulated wires penetrating the pipe wall and spaced a distance apart in the plasma flow, there will be a current potential generation due to several phenomena: 1. **Magnetic Induction**: As the plasma moves back and forth, it will generate a changing magnetic current field. According to Faraday's law of electromagnetic induction, a changing magnetic field through a loop of wire (like your insulated wires effectively form with the plasma movement) induces an electromotive force (EMF). This leads to a current from Closed circuit. 2. **Electrostatic Charging**: Plasma can also charge the interior of the pipe due to ion bombardment or electron collection. The plasma consist of positive and negative charged particles, these accumulate on the inner surface of the pipe, seeking to rest against the wall trying to renormalize from the violent collisional environment of plasma’s Ionic Debye-Boltzmann current redistribution. When influenced by the oscillating motion, leads to further Ambipolar Diffusive charge separation as the temperature increases. If the wires are close enough to this charged region or if Ion Seed gas mixture causes charges to favor the emf conductivity outside the plasma flow path, force emf down wire presenting extremely lower inductance and resistance, you will see a great voltage potential between the wire in the external path. 3. **Capacitive Coupling**: When Plasma acts as a conductor, it behave like self charging plates of a capacitor. The changing distance or density of the plasma will modulate this capacitance, potentially leading to a current when the system is discharged These energy systems require low velocity m<1 so Ionic Kinetic coupling is just a Free Fall away from renormalization.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

27 Nov 2024
Replying to @ixpservice @elonmusk @engineers_feed
The Universe's Scale is divided into MOLECULE LAYERS, ION LAYERS, ELECTRON LAYERS and FRACTIONAL ELECTRON LAYERS. FRACTIONAL ELECTRONS are Electron Eddys or 'Ghost Particles', consisting of vectors of Masslessness. Giving VECTOR to FIELD TRANSPORT. There are EIKONAL TRANSPORT BARRIERS between each INTERFACIAL dimensional layer, that have their own Dimensional Transport rules.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Nov 2024
Replying to @RBehiel @Andercot
Hello Richard, You are correct on Antimatter Weapons. You can DM (Twitter Fist), me for further information. I worked and engineered Special Nuclear Weapons and high level research programs for AFIT-USAF from the 1980's till I was forced out by the CoVid NAZIs in 2020. I was trash because, I wouldn't wear a DIRTY Mask. Now I teach Advanced Radar Analysis and several Differentials with boundary layer + Coding at OU. They only pay me Adjunct Pay for teaching Graduate Level classes. It is a problem of elementary understanding in High Level research Physics when people assume: "You make Antimatter, then STORE it." Who is the idiot engineer who proposes the concept: To store something that requires more energy to store (Maintain and ISOLATE), than required to instantaneously create. Antimatter is the AFTSIDE (Positive KINETIC Electrostatically Landau damping) of a FORWARD MOVING KINETIC WAVE (physical pressure). (Keep in mind, forward momentum has a RETARDING DAMPING on the aft end of a WAVE's PROPAGATION. With a variable Damping rate.) In engineering advanced nuclear weapons, my Mentor (Uncle Bernie) used one pit (2.2lb) to light off another 2.2lb pit . This design became dominate as one pit partially lights off creating a Dirty environment for the second pit to light off causing a Dimensional sink creating near 99% conversion of ALL Plutonium to Hydrogen and Helium, Electrons + Fractional Electrons. I continued uncle Bernie's research for the USAF. So for a Antimatter weapon, you don't store the Antimatter. The detonation generates the ANTIMATTER in it's WAKE. Antimatter generation yields a ULTRA-HARD LATTICE-like 1DOF VACUUM, then SELF-RENORMALIZES to a 2DOF on the Micro-Nuclear scale. You generate the Antimatter in the 1DOF WAKE of the GEOMETRICALLY Arranged multi-Nuclear initial detonation. These geometrical arraignment of plutonium pits create a Barrier of Nuclear Detonation that, the center large Pit, must push it's detonating nuclear combustion products through a HIGH Pressure (COMPRESSING DOMAIN) wall. This technique of using several nuclear detonation to set the outer high pressure boundary is similar to using a thicker case on a pipe bomb. It cooks electrons till the Sun pops out like popcorn. A Antimatter detonation has the Hallmark; a HARD VACUUM ELECTRON Fictionalization of LOCALITY. The area after detonation is absent of Matter and Cryogenically Ultra-Cold..... Most of the matter is compressed to dimensions, a magnitude smaller than an Electron's physical size, resulting in ELECTRON FRACTIONALIZATION. ELECTRON FRACTIONALIZATION is a subject I have studied for over 40 years What distinguishes a Antimatter Weapon from a conventional nuclear detonation is the Highest Pressure Wave results. IONIC UNBONDING = ATOMIC Weapon ELECTRON UNBONDING = NUCLEAR Weapon FRACTIONAL MATTER Re-normalization delay =AntiMatter Weapon The Idea of using Nuclear Detonation around the Big Pit, is also to generate a dense Plasma for which, within the Plasma, Speed of Magnitudes greater than that speed of light are possible. An Antimatter Weapon use a conventional Nuclear Weapon to geometrically FRACTIONALIZE ELECTRONS then, TRANSPORT ALL FRACTIONALIZED ELECTRONs, at fantastic Velocity, to a Great Distance from the original LOCALITY of the initial SHOCKWAVE, Fictionalizing into 2 Dimensional Matter, funneling in a Free Fall Thermal Sink into the UNIVERSAL COSMIC THERMAL BACKGROUND. The Universal Cosmic Thermal Background has a LATTICE of Hydrogen CONTINUA through out all existence. The Universal

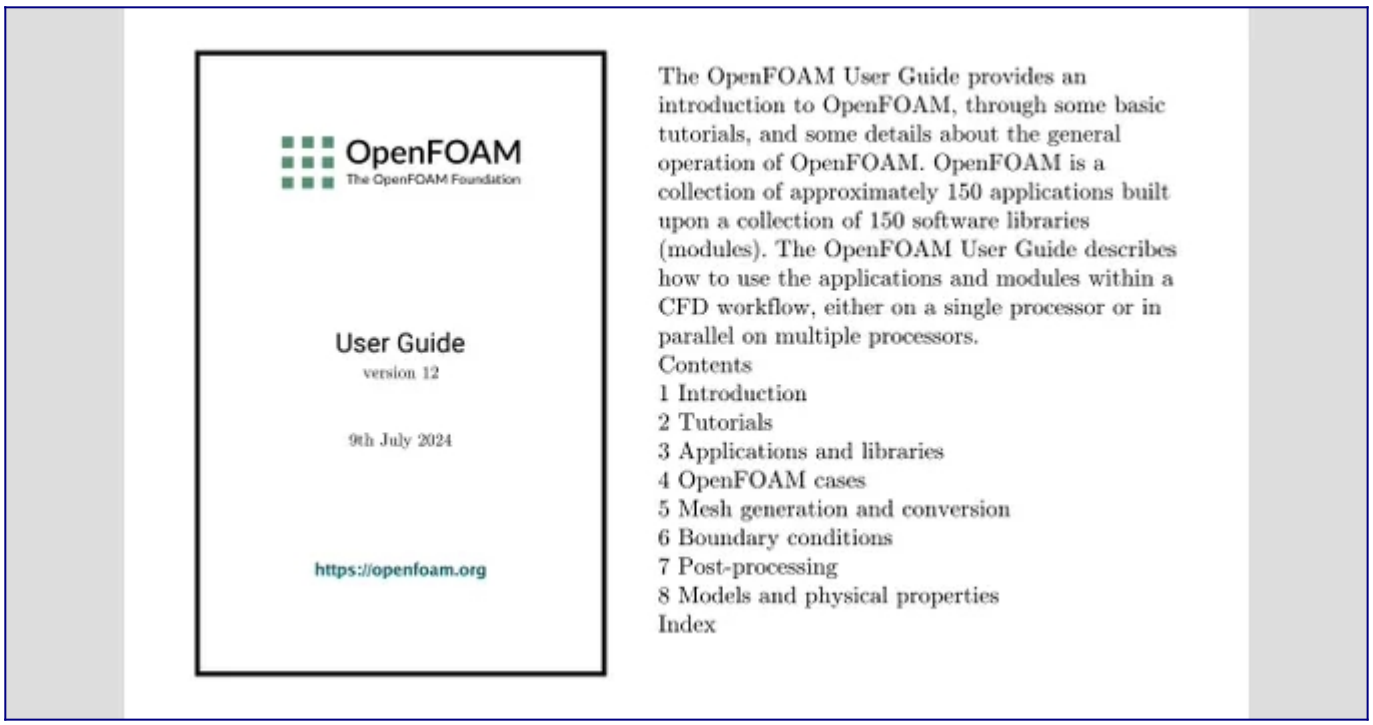
Cosmic Thermal Background (Hydrogen Lattice of Continua) is everywhere in space, adiabatic in Debye-Boltzmann statistical distribution. The Universal Cosmic Thermal Background of Hydrogen Continua has a Kinetic Coupling Window. This means you can push against it's REFLECTING WAVE. (A timed KINETIC Coupling Constant). The Universal Cosmic Lattice of HYDROGEN CONTINUA set a COULOMB retarding Potential on all Naturally Propagating Electrons. (from thermal kinetic background) This leads to the illusion of LIGHT having a Maximum Velocity. You must artificially remove the Hydrogen's Coulomb retarding potential to propagate waves faster than the speed of light, M>1, L>1, G>1. The Principal Elements of "Application of removal of retarding force" on the Electrons Propagation velocity is the same for Vehicles, weapons or Communication signals. These techniques Increase or Decrease the PERMITIVITY of FREE SPACE LOCALITY. We can vacuum all the pressure out of a Hard vacuum chamber and Hydrogen will set a Diffusive rate of refill in the vacuum chamber, right through the chambers metal surface. (from low temperature ION tunneling) I engineered techniques to Stand Up SHOCKWAVES, where the Standing Wake has a exploitable Gradient of PLASMA from a Ultra-Hard VACUUM that bring 2 Degree of Freedom Electrostatic Force Fields found in nature ONLY at the Micro-Nuclear Scale. These 2 DOF Force Fields must be artificially generated at the MACRO-NUCLEAR Scale due to our Conformal Gas adhesion rules not found in the Micro-Nuclear universe.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Nov 2024
Replying to @netcapgirl
That B-2, Does it have the new B-2 Skin or the old Rubber layer skin ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Nov 2024
OpenFOAM CFD for those armature Spacecraft Engineers. CFD programs are the "ACTIVE FIELD" modeling software that you model the Vehicle (from your CAD STL file). So for armature Spacecraft Engineers you design in CAD, actively Model in CFD. Antigravity Engineers need to be very familiar with the LATTICE BOLTZMANN methodology.

CFD Direct OpenFOAM@CFDdirect
27 Nov 2024
The #official User Guide for #OpenFOAM v12 is freely available online in easy-to-read format. Bookmark the page: doc.cfd.direct/openfoam/user…



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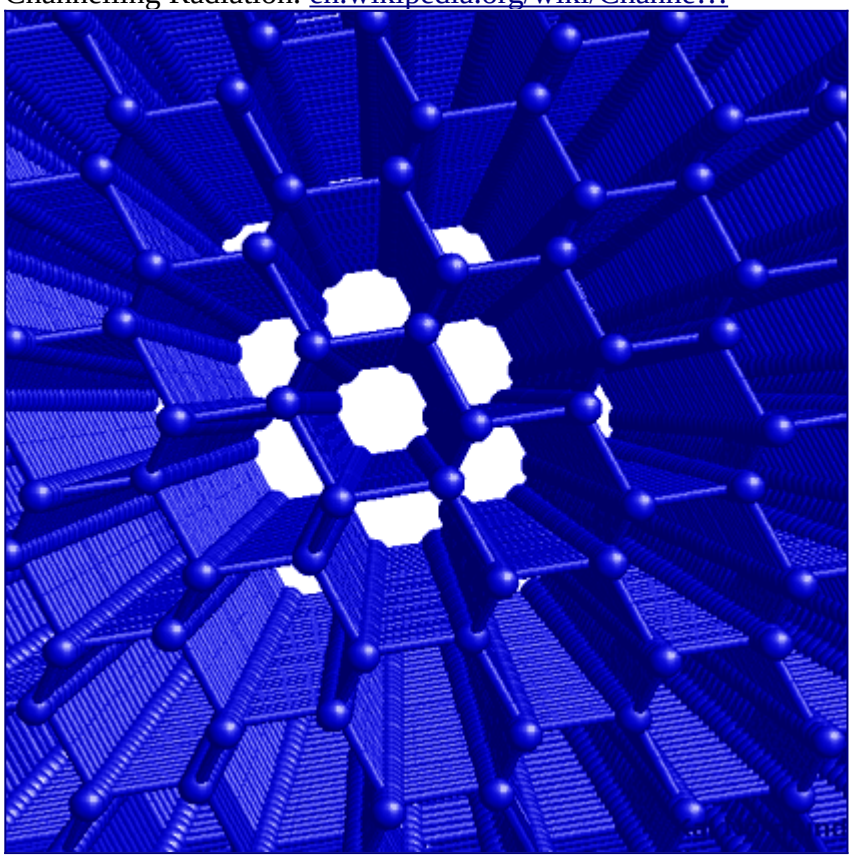
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Nov 2024
Channelling Radiation. en.wikipedia.org/wiki/Channe…



Channelling (physics) - Wikipedia

en.wikipedia.org

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Channeling Radiation. hzdr.de/db/Cms?pOid=11001&pN….
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26 Nov 2024
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Modeling the Radiation Shielding Effectiveness of Hafnium Diboride Reinforced Epoxy Composites...

This thesis uses MCNP simulations to evaluate the performance of a radiation shielding material consisting of Hafnium Diboride (HfB2) powder in an epoxy matrix. Comparing the results to previously...

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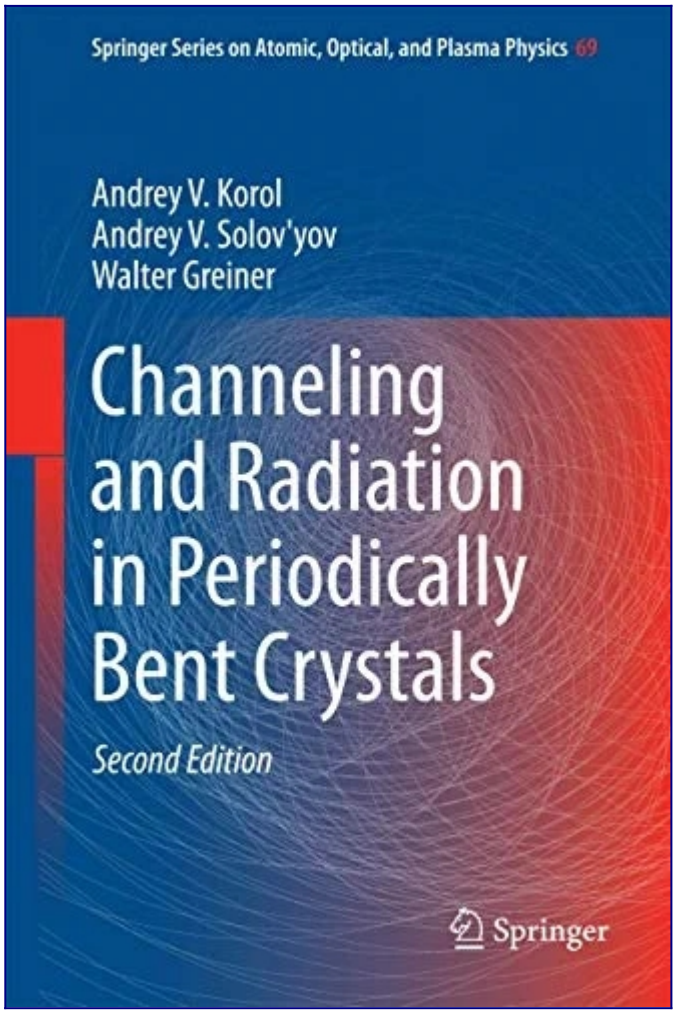
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Nov 2024
Replying to @AshtonForbes @ashtonforbes
If someone says, "it Defies Physics", they lack elementary understanding.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Nov 2024
TOTAL INTERNAL REFLECTION Radiation Channeling is a methodology based on Snell's Law. Good video on principals used in Channeling Radiation. youtu.be/watch?v=Q10_srZ-…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Nov 2024
To address Radiation DOD/DOE antigravity vehicles utilized over a hundred layers of nano thin flexible Perovskite (Sand) cloth, Fiberglass Cloth-like material. Each layer is manufactured with a final step of Vapor Deposition with ≈ 180nm +- 30nm Tungsten Coating. Each Layer is between .007" to .080" thick. The Laminate Radiation Channeling Panel layers are High Temperature Fused into a single thick crystal-like bonded panel and Conformal shaped covers for placement in the vehicles interior. Each individual layer of cloth Sheet causes -3° to +4° of Radiation Vector change /per layer. Each Layer is a differing atomic nuclear valance structure to provide "Frequency Broadening" and final Landau Damping. In Antigravity Vehicle Engineering Radiation management is addressed with 2 techniques. Radiation Shielding and Radiation Channeling. In Shielding you have a choice of Physical Dense Material or Plasma Laminar Layer adsorption. With Radiation Shielding, you directly convert the X , γ and Cosmic Rays into thermal and lower order RF energy. In Channeling you have Physical Crystal Diffraction, Thermal Diffusive Absorption or Coulomb Field Vectoring methodology. The CHANNELING methodology is to VECTOR the Radiation into a TOTAL INTERNAL REFLECTING "DEAD END", converting the X , γ and Cosmic Rays into Thermal and Sound energy at converting energy (CHANNELING) with every collisional event. Cosmic Rays are so Powerful they leave a Wake of High Energy Hydrogen

Dominate Collisions in a Shockwave Diamond-like pattern during re-normalization. Cosmic Rays knock all Hydrogen out of the Path of the Beam. These devices PETRIFY living tissue and can be weaponized into a Medusa type Petrification Weapon. Cosmic Rays are the slower than light speed EDDY/WAKE of a Faster than Light Movement. Where Wave propagation Velocity is (ION M ≈ >1 , ELECTRON L ≈ < 1 , Fractional Matter G < 1).



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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Nov 2024
Replying to @RBehiel @ThePrimalDino
How about a Flat Solar System Theory for the Flat Earthers. Flat spaceships can fly in flat space.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
25 Nov 2024
Replying to @islandkman @roghaye21245484 @ajtourville @SpaceX
This should help. princeton.edu/~idodin/ast553…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @KeithBlackchats

You must tunnel down 17 miles, on Mars, to get the same adiabatic Pressure as Earth's Sea level, making living space the whole way down. The CO2 atmosphere of Mars is easily separated to Nucleic Oxygen with Diffusion Techniques not presently used but in Textbooks.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @ajtourville @SpaceX
There are techniques that DOD/DOE antigravity vehicle utilize to generate a Vacuum substantially lower than the vacuum of space. The Plasma Vacuum Bubble's exterior self containing envelope longitudinally compresses the Thermal Bunching Electron plasma region a magnitude greater than seen in reentry but the methodology of application keeps the Thermal Bunching away from the vehicles surface. The Plasma Vacuum Bubble is initiated by a resonant combustion-can like resonance cavities in the fuselage skin, geometrically placed large speaker-like diaphragm Modulators Pump the resonance cavities while Ion Seed Gas is feed at a slow stoichiometric Lattice Boltzmann adjusted Gas Ionization rate. Collisions are controlled by the large diaphragm Modulators. Collision perimeters are adjusted to adjust Ambipolar Diffusion rate to separate IONS from Electrons, where Electron Temperature may be accurately controlled with simple analog feed back.

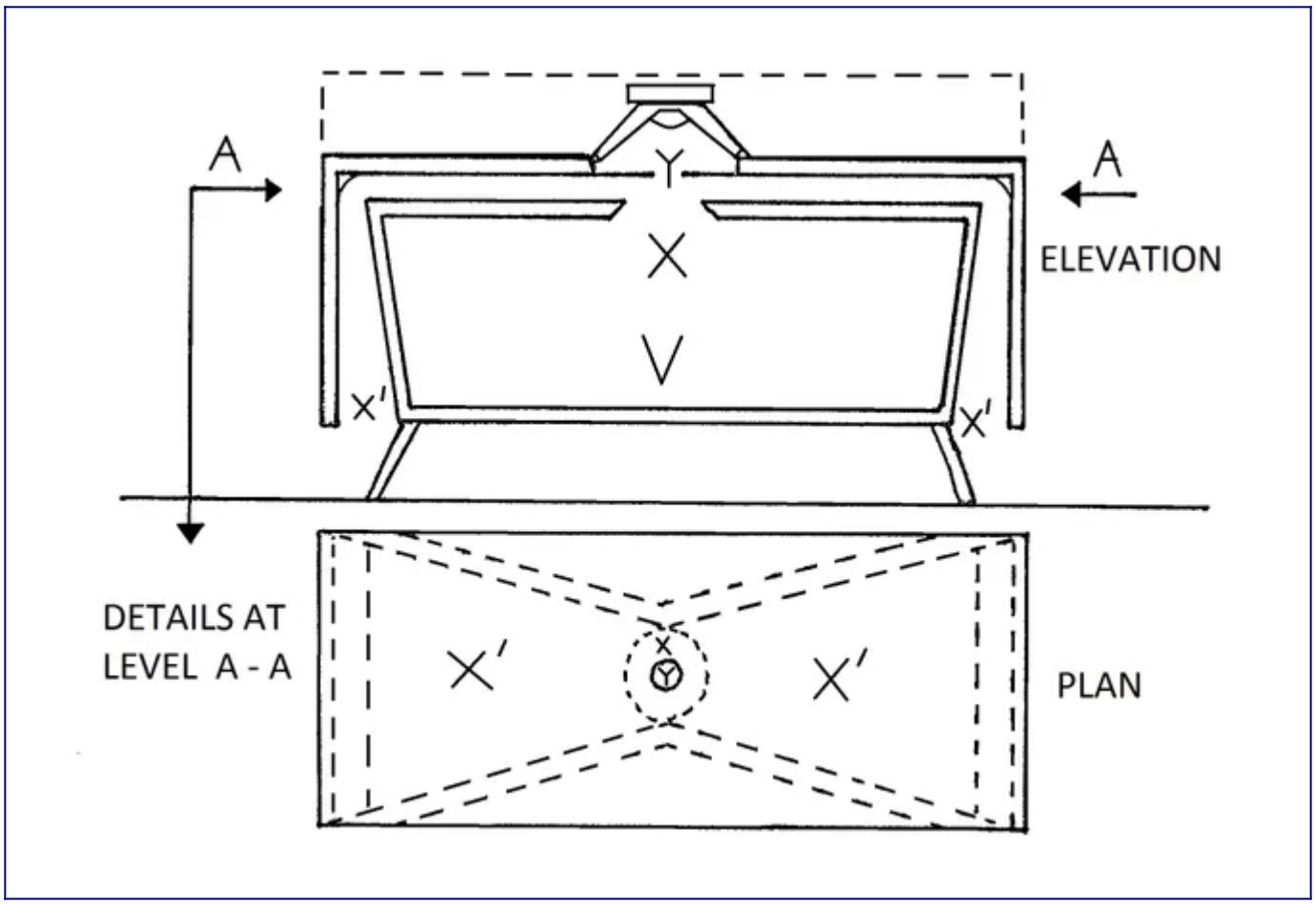
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @volcaholic1
God Bless the Philippines.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @DanHaug6
DOD/DOE Antigravity vehicle cannot utilize RF Radios due to the Plasma Sheath around the vehicle. Coblentz UV Optical Data Link is best current method for Antigravity Communication Standards using Link16 architecture.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @RBehiel
At our Macro-Nuclear Scale we do not experience the 2 Degree of Freedom Electrostatic Force Fields found in the MICRO-NUCLEAR Scale. The Micro-Nuclear Scale 2 Degree of Freedom FORCE FIELDS are artificially generated at our Diffusive Macro-Scale by antigravity vehicles to float silently in a Non-Propagating Plasma Vacuum Bubble. The Universal Cosmic Thermal Background has a Kinetic Coupling window that a antigravity vehicle "Pushes Against" to find attain Stable Equilibrium of Non-Propagating Motionlessness. The vehicles generate a Standing Shock Wave, whose Wake is a Relativistic Vacuum. As the Field Stands Up, it pushes your antigravity vehicle away from everything (Float at Zero G) due to Lattice Formation of IONS and ELECTRON Standing UP in a Self-generated 6DOF Dimensional FIELD. You are weightless and frictionless when the Field is established. You can make 90° turns at Jillions of miles per hour, because you are always motionless/weightless floating in the vehicle. Propulsive System manipulates concentricy of center mass to center of Plasmas Soliton Alfven Envelope. This causes geometrical appearance of a TRANSPORT Window to distort shape of Field while ION Seed gas is Metered to keep Plasma Hot and Stable. Jet A or RP-1 (de-sulferated Kerosene) are also used a Ion Seed Gas in DOD/DOE vehicles.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @AshtonForbes @ashtonforbes
Lasers are not utilized in DOD/DOE Antigravity vehicles in the generation of the Plasma Envelope. The Plasma Vacuum Bubble Envelope is generated by Infrasonic External Combustion Processes with a Geometrical arraignments of Heated antenna and Large Speaker-like Modulation Diaphragms. Continuous Combustion from Combustion-Can Resonators are in the outer layer of the Fuselage Skin. These couple with the whole system to "Blow Up" a Non Propagating Fuel metered Plasma Vacuum Bubble of in a artificial FIELD generating a DOMAIN within the Bubble of Ultra-motionlessness (FLOATING). The Initial sequence that created the Plasma involves generating a strong Shock to start a Large Low Frequency Modulation of ION by the two opposed speaker-like diaphragm modulators. A Kinetic Coupling window exist at the beginning of ADIABATIC AMBIPOLAR DIFFUSION of the Fuels Molecules diffusing Electrons off IONS. This is achieved by feeding Ionized fuel to the field of the initial Shock wave which stands up as a NON Propagating Shock Wave that has a vacuum in it's wake that is maintained by the Stoichiometric Lattice Boltzmann calculated ionized fuel feed rate. So the Vacuum forms in the wake of the initial Shock Wave's Wake. Which creates a RELATIVISTIC Vacuum Mass. This vacuum is increased by metering Fuel while Electron Temperature can be independently increase at the furthermost distance from the fuselage that is within the Plasma Outer self-generated Magnetic Containment Aflven Barrier.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Nov 2024
Replying to @alexstein99 @elonmusk
Working on that.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Nov 2024
DOD/DOE Antigravity vehicles utilize External Combustion Process Techniques with Low Frequency Modulators (hidden in the Fuselage surface) as Combustion Can-type resonant cavities to soup up the ION-ELECTRON AMBIPOLAR DIFFUSIVE KINETIC SEPARATION of ION from ELECTRONs.



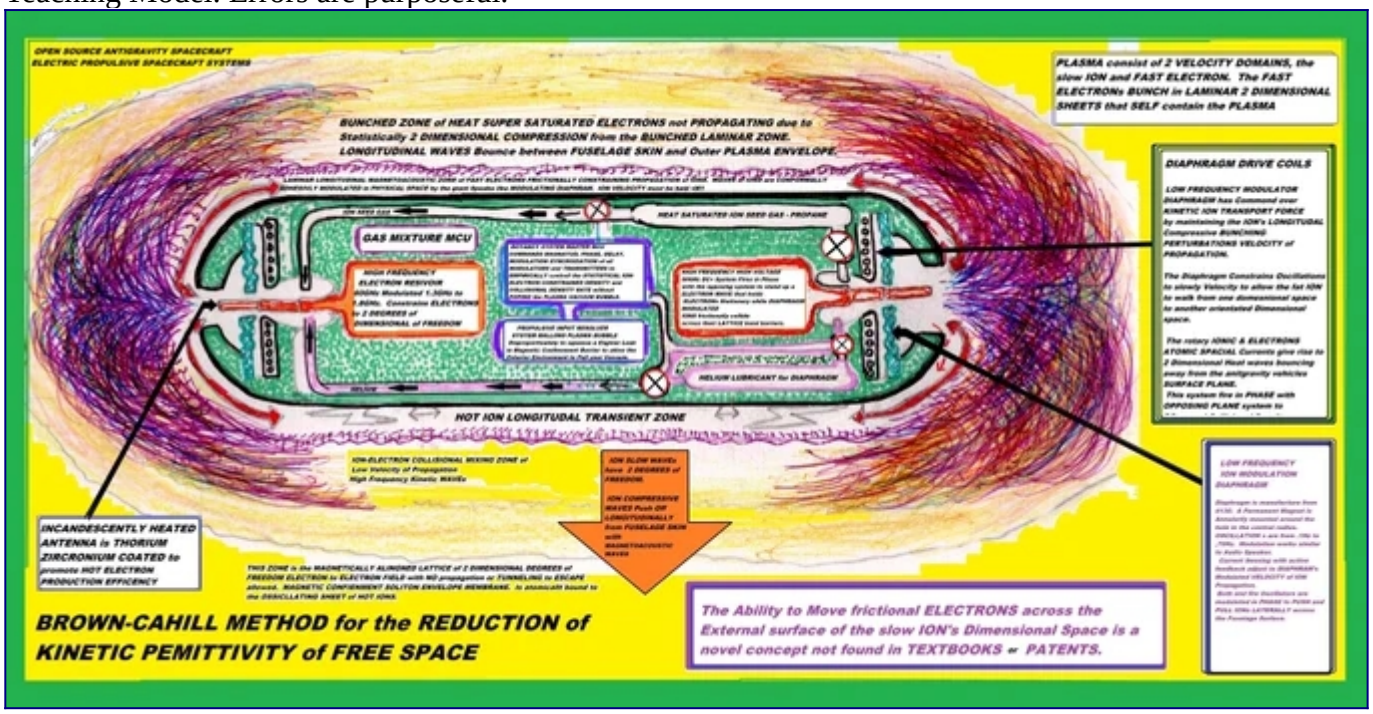
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Nov 2024
Replying to @way2fast77
Electro KINETIC. The KINETIC AXIAL Di-Electric Pole is caused by Ambipolar Diffuse Transport. Most people have no Concept of 2 Degree of Freedom Force Fields. We do not experience 2D Force Fields at the Macroscale. We must artificially generate these Micro-Nuclear Scale Fields, Orthographically at our Macro Scale.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Nov 2024
Replying to @elonmusk @ajtourville
Exactly

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Nov 2024
DOD/DOE Antigravity vehicle utilize convention technology and External Combustion Bunched Ambipolar Diffusive Shockwaves to create a Standing Wave Vacuum in the shockwaves wake. This creates Standing Kinetic Wave pushing off your antigravity vehicles fuselage surface. This self contains the Plasma with inward force trying to collapse the shock wave's cavitation vacuum wake's natural sustainable Bubble as long as a small amount of ION Seed Gas is feed at a greater rate than the Dissipation Shock Rate. Dissipate shock is modulated to low frequency with large physical diaphragm modulators. Fuel is added to the Plasma Field at a Metered rate, generating a force field on the surface of your antigravity vehicle, Pushing your vehicle away from everything in a

motionless Plasma. Ion Seed Gas (I like RP-1 (Kerosine)) is used to increase the permittivity of free space around your vehicle in an enveloping FIELD of Adiabatic Vacuum.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Nov 2024
Teaching Model. Errors are purposeful.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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22 Nov 2024
DOD/DOE Antigravity Spacecraft utilize Conventional Materials, Conventional Technology (but unusual Geometry) External Combustion in artificially generated (Soliton) Hyper Dense (with Fuel) Plasma. At our large molecule Macro-Nuclear Scale, we do not experience the Micro-Scale's Physical Nuclear 2-Degree of Freedom's LATTICE-LIKE Electrostatic Force Fields. These 2D Electrostatic force Fields can be artificially generated with an Ionized Seed Gas Feed into the Plasma Field at a Metered rate. This Field "instantly" separates the Seed Gas's Ions from Electrons and establishes a TRANSPORT vector, where thermal Energy predominately favors the Electron for Bunching resulting in Physical Ionized ION Compression leading to Longitudinal Kinetic Energy. This Transport Thermal Vector gets so hot at it's outer Boundary preventing incursion of NON POLARIZED ELECTRONs. This establishes a great Dimensional void in the Debye-Botlzman statistical Distribution that make the barrier completely resistant to any random tunneling electron. This establishes a Self-Containing Plasma Membrane. Plasma Fields are NON PROPAGATING and SELF CONTAIN all IONS and ELECTRON in their own internal Vacuum Bubble. All internal FIELD tunneling Electrons will be forced to vector into the thermal electron sheets at the outer Soliton Plasma Alfven Boundary. You float in a Field of Motionless Plasma, where you are Frictionless and Weightless but any Perturbation can send you rapidly away at unbelievable speeds. Bare in mind. When the Buoyancy System is energized, you are weightless, Frictionless and have a standing wave of Vacuum Sustained by a External Combustion Stochastic Process bouncing the shockwaves "Linearly" off the Fuselage skin, leaving the Vacuum temporarily in it's wake, sustained at a rate greater than the shockwaves dissipative rate, resulting in SHOCK COMPRESSION. The Propulsive System alters the vehicles center mass concentricy to the Plasma Field causing dissipation in a desired direction, using a Vacuum to pull you in any desired direction.

(Frictionless) The Plasma is a Super-Ionized External Combustion vehicle that generates a standing Vacuum on the fuselage skin via Ambipolar Diffusive Compression.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Nov 2024
Replying to @AshtonForbes @ashtonforbes
Textbooks define Space as filled with energetic Ions and Hyper Energetic Electrons, never devoid of matter. Areas where Adiabatic Pressure is ultra-low, the Sky Glows with Florescent Luminosity from Electron Velocities M ≈ > 1 , L < 1. These are the Galactic Nebula of Glowing Ionized Gas.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Nov 2024
Replying to @AshtonForbes @ashtonforbes @TimothyAlberino @imPenny2x
The Hidden Technology is in Textbooks. Just hidden from ones understanding.

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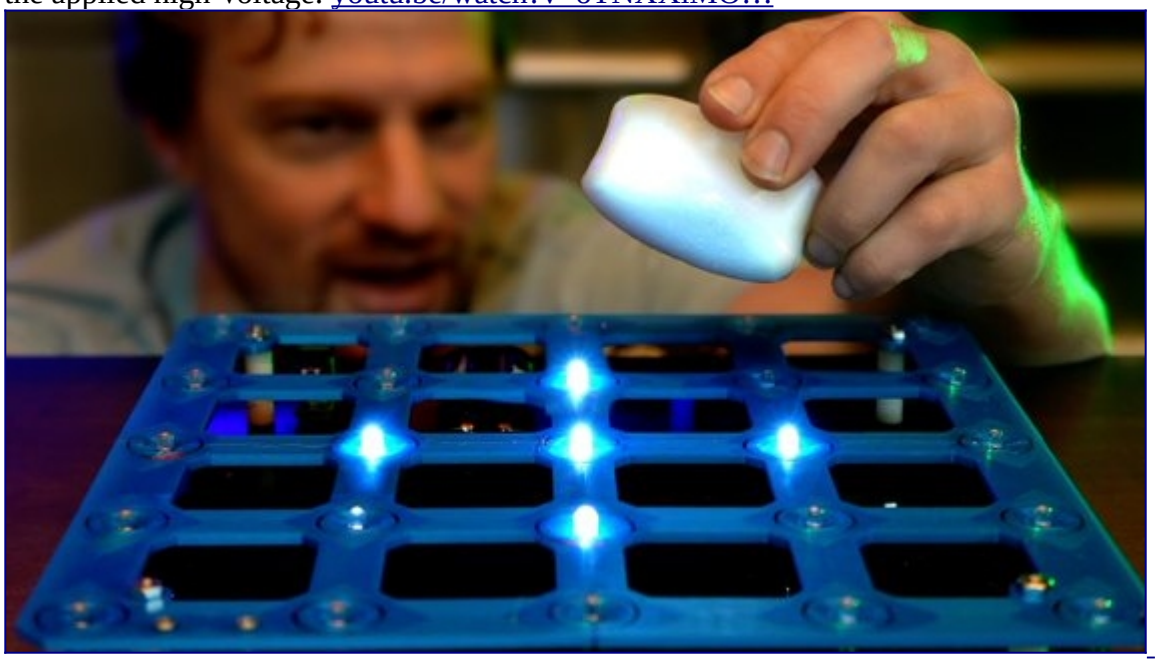
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Nov 2024
Replying to @XExcalibur333
Kit Green will be working the Glory Hole at T&A Truckstop in Indianapolis, off I-465 and I-70 between 1:00 am till 4:00 am. He takes tips.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Nov 2024
Replying to @ixpservice @DeptOfGovEff
At this point in your life, You cannot comprehend your role in getting mankind to Mars. By this time next year, you will know your Role in getting mankind beyond Mars. You are OVERQUALIFIED, old friend. The vehicle's STC will require your assistance and talents.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Nov 2024
Replying to @ChiefDinger @ashtonforbes
Yes, you are dealing with an Equilibrium so small that normal perturbation in a medium of Non-Zero Trivial Sum inequalities results in instantaneous massive Polarization of ION and Electron, that were at rest. Tiny, Tiny Equilibriums. It is up to the individual to understand and apply the technique. Extracting the Forces out of a Idling Plasma is something one must teach "one selves". JEDI OJT training. One technique extracts the KINETIC FORCE, another technique extracts the ELECTRIC FORCE and another differing techniques extracts the Magnetic Force. Big Antigravity Vehicle Secret: Plasma's Waves self contain themselves when kept above a critical temperature and Ion Density by establishing Membrane Like Magnetic Barrier (Debye Canyon) of Excess Electrons that bunch outward in a Ambipolar Diffusive Field within a single Soliton Plasma Envelope.

Ambipolar Diffusion is the Electric Field's Kinetic Separation of IONs from ELECTRONs into a Electrically Statistical GRADIENT of Field Tensor Balance. The Ambipolar Diffusive Field has a Strong Vacuum Gradient going from a Hard Vacuum on the Fuselage surface, outward to a Debye Length Statistical Boltman Layered Sheet of Hard Polarized Electrons out the Outer Plasma Wave Membrane. The Gradient of Heat is greatest at the Bunched Outer Electron Sheets which can be held at 100's of thousands degrees, giving appearance (to the shallow minded) of antigravity vehicles having thermonuclear engines. Heat doesn't propagate out of this fields. Heat propagates away from the vehicles fuselage toward the outer plasma membrane.

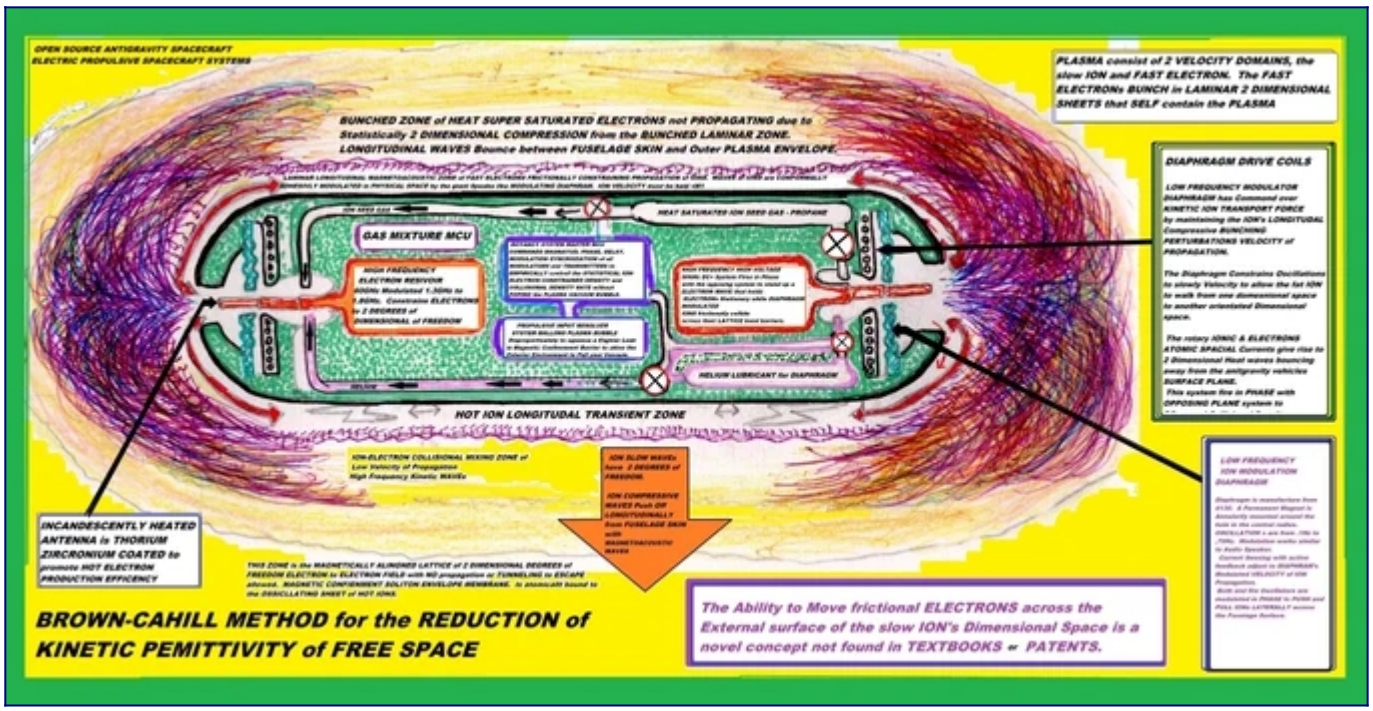
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2024
If a melted Solid is subjected to an intense High Voltage Field as it cools through the 3 Point, entering Plasticity, the material will retain most of the Electric Polarization along the Field Axis of the applied high Voltage. youtu.be/watch?v=oTNXXiMO…



Creating an Exotic Material With A Permanent Static Charge (Electret)

Electrets are incredible and so is Factor. Use code 50PLASMA to get 50% OFF plus free shipping on your first Factor box at https://bit.ly/4eHXfxxMagnets are ...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2024
Replying to @xbraden @MattFitz_gerald
Plasma Studies focus on Slab, Cylinder, Spherical, Ellipse and Dipole (hotdog) geometrical shapes. These shapes are based on Natures tendencies to keep Plasma Stable in these geometrical shapes. Vehicle must be smooth bodied to prevent coronal avalanche from discontinuances leading to perturbations. The shapes naturally allow the linear build up of Ambipolar Diffusive Plasma Fields.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2024
Replying to @PatrickQJackson
Maybe it's just the smooth body Spherical, Dipole, Slab and Ellipse shaped vehicles have less Engineering Constraints

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Nov 2024
Replying to @way2fast77 @MattFitz_gerald
This shape eliminates Engineering Constraints.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Nov 2024
Replying to @elonmusk
In a Democracy Laws apply to Classes of People. In a Republic, Laws apply to everyone.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Nov 2024
Replying to @MattFitz_gerald
The Models I engineered generated a Null in the Gravitational Field rendering you and the vehicle weightless. You are Frictionless and Inertia-less when the field is energized. So a deduction, Lou hasn't been around real working models.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

12 Nov 2024
Real World Antigravity Vehicles utilize AMBIPOLAR DIFFUSIVE FIELDS of ION to Electron Kinetic Transport. en.wikipedia.org/wiki/Ambipo….

Ambipolar diffusion - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Oct 2024
Replying to @ChiefDinger
Even if you Find it, do you have the comprehension of what Over-Unity really is. You must first define Over-Unity in "WHAT it is to YOU" as a model starting point.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Oct 2024
Replying to @AGDugin @Agdchan
God Bless Daria and Alexander Dugin !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
1 Oct 2024
NOTE on RELATIVISTIC FORCE MIRRORS When driving down a heat-saturated highway, one observes water-like plasma bubbles corpuscularly boiling within a Relativistic Mirror. You are witnessing heat/kinetic/pressure waves Longitudinally boiling on a plane perpendicular to Gravity's vector, resulting in an hydrogen ion distribution-derived mirage or Relativistic Mirror Effect within the low angular observation windows. The observation angles for Relativistic Mirrors correspond to the electron's forward angular momentum, ejecting fractional and whole electrons into corpuscular thermal planes. The 'bending light' characteristic is Spectral Image Compression and Expansion resulting from the hydrogen-ion to electron fluid-like media's surface, where electrons transition from 2DOF to a low-loss 1DOF plane, exhibiting Eikonal orthogonal transfer vectors. The plasma's outer boundary layer features an electron-to-electron "Grand Canyon," it's spatial-locality determines the final distribution of forces, predominantly expansive electron transit regions with only minor contractive electron transit regions or reflections. In light bending, you witness the plasma's Compressional and Expansive/rarefying angular forward-ejected electrons on the outer soliton heat layer, akin to 'distortion of light through fuel vapors' during refueling. The hot highway's pavement creates thermal/electron sheet-like boundary layers of 'plasma bubbles' perpendicular to gravity's direction. Unbounded plasmas exhibit a corpuscular or bubble-like structure due to the asymmetric outward orthographic force projection from the 2DOF electron lattice, forming a bubbling electron lattice plane that facilitates Eikonally-elastic force transfer. All group wave and reflecting forces within the Soliton KAW's interior counteract, damping reflection forces, contributing to the Volumetric Expansion of the plasma into a single, coherent ion-electron longitudinal pressure bubble. .

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Sep 2024
Exotic superconductor or metamaterials are not needed for antigravity vehicle. Atomic Trampoline
youtu.be/shorts/PCU6g9mfR…

This metal is too bouncy

A little while ago I made something called an atomic trampoline, and I think it's pretty cool. This is because when you drop something on it like a ball bear...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
29 Sep 2024

This is in a book, Differential Geometry (1905) - P.W. Hill buried in a Reflection Matrices, 5/2 is a Pentagram (non transient vector) and 5/1 is a Pentagon (transiting tensor)

REFLECTION or $r^5 = \frac{1}{5!}\begin{vmatrix} x1 & y1 & z1 & K1 & Q1 & T1 \\ x2 & y2 & z2 & K2 & Q2 & T1 \\ x3 & y3 & z3 & K3 & Q3 & T1 \\ x4 & y4 & z4 & K4 & Q4 & T1 \\ x5 & y5 & z5 & K5 & Q5 & T1 \\ x6 & y6 & z6 & K6 & Q6 & T1 \end{vmatrix}$ **PENTACHORON**

Extends to $H = \begin{vmatrix} 1 & \frac{1}{2} & \frac{1}{3} & \frac{1}{4} & \frac{1}{5} \\ \frac{1}{2} & \frac{1}{3} & \frac{1}{4} & \frac{1}{5} & \frac{1}{6} \\ \frac{1}{3} & \frac{1}{4} & \frac{1}{5} & \frac{1}{6} & \frac{1}{7} \\ \frac{1}{4} & \frac{1}{5} & \frac{1}{6} & \frac{1}{7} & \frac{1}{8} \\ \frac{1}{5} & \frac{1}{6} & \frac{1}{7} & \frac{1}{8} & \frac{1}{9} \end{vmatrix}$

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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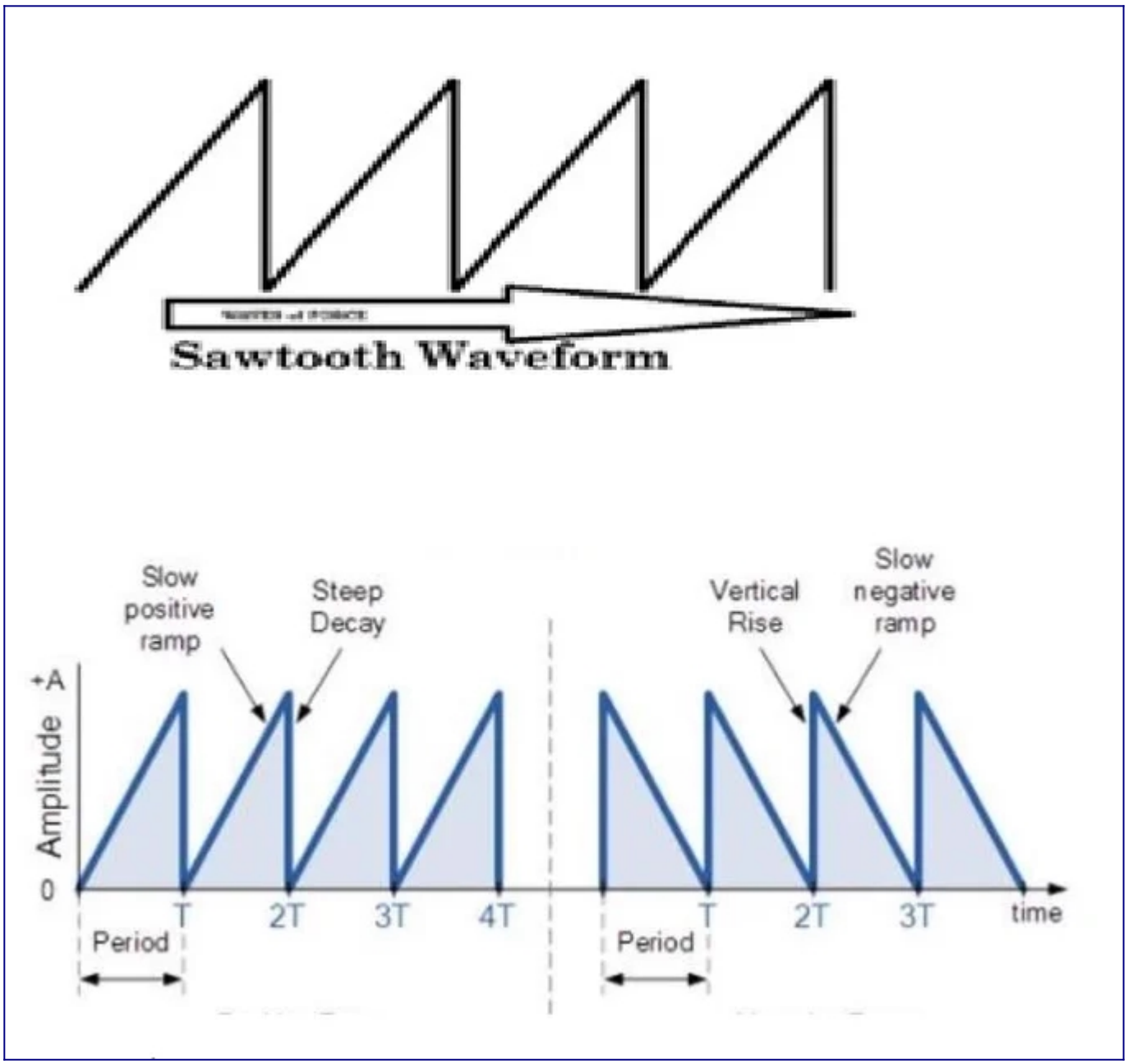
29 Sep 2024

From Wave Mechanics Energy Distribution in Standing Waves isn't transferred along the medium; it's contained within the medium itself, oscillating between Ionic Kinetic and Electron Coulomb Potential.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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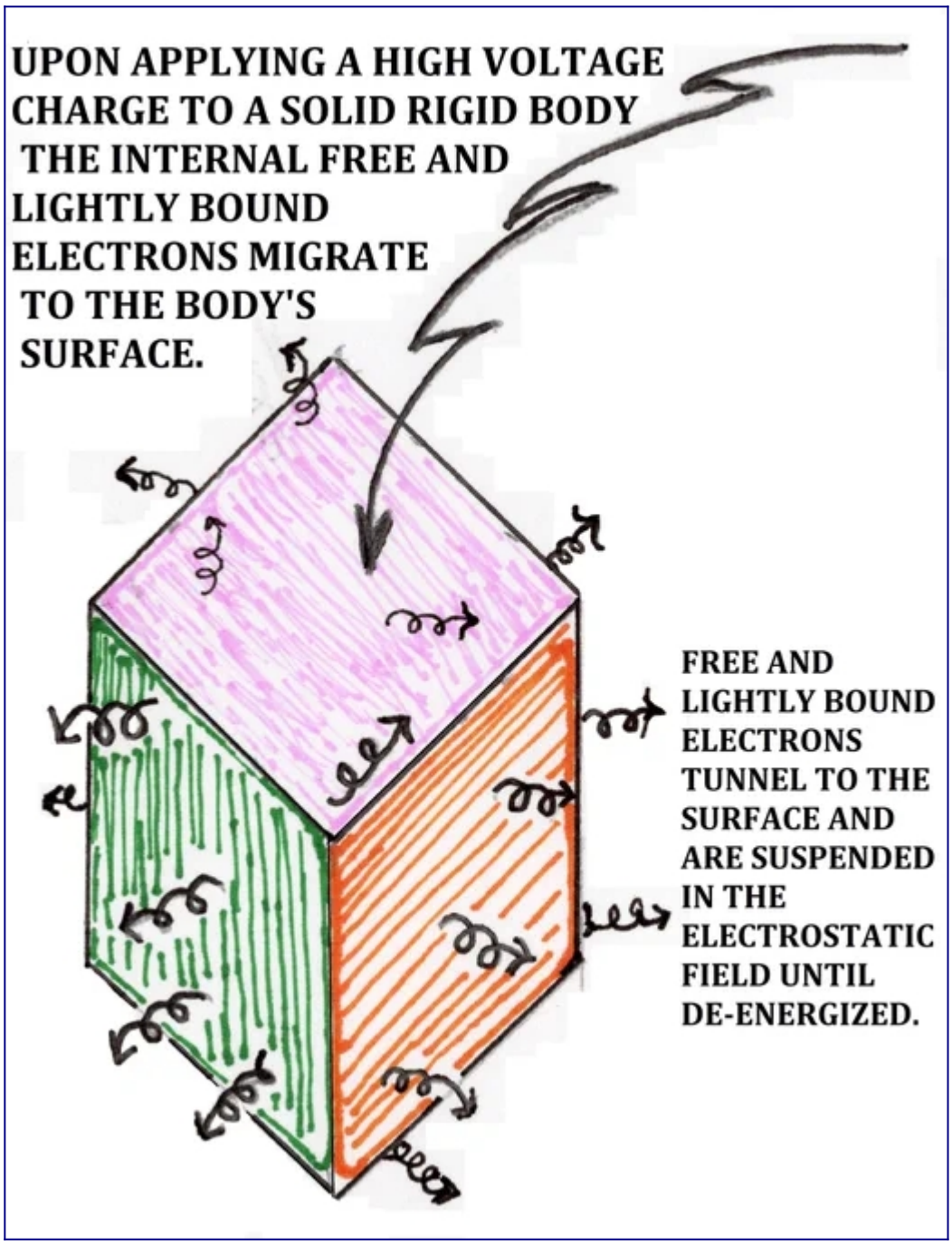
27 Sep 2024
Every thing smaller than an ELECTRON is a (additive/virtual/effective /quantitative/qausi/relativistic) Fractional fragment of an Electron. or EDDY of or A "Ghost" of an Electron. It doesn't have real Mass, only Ghost Mass. You study Transient/Vanishing Vapors when looking at things smaller than an Electron. You stare at Ghost! pdg.lbl.gov/2024/listings/co…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Sep 2024
Resources for Students Passage of Particles through Matter pdg.lbl.gov/2022/reviews/rpp…



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Sep 2024
Replying to @Gandalf_ElPulpo

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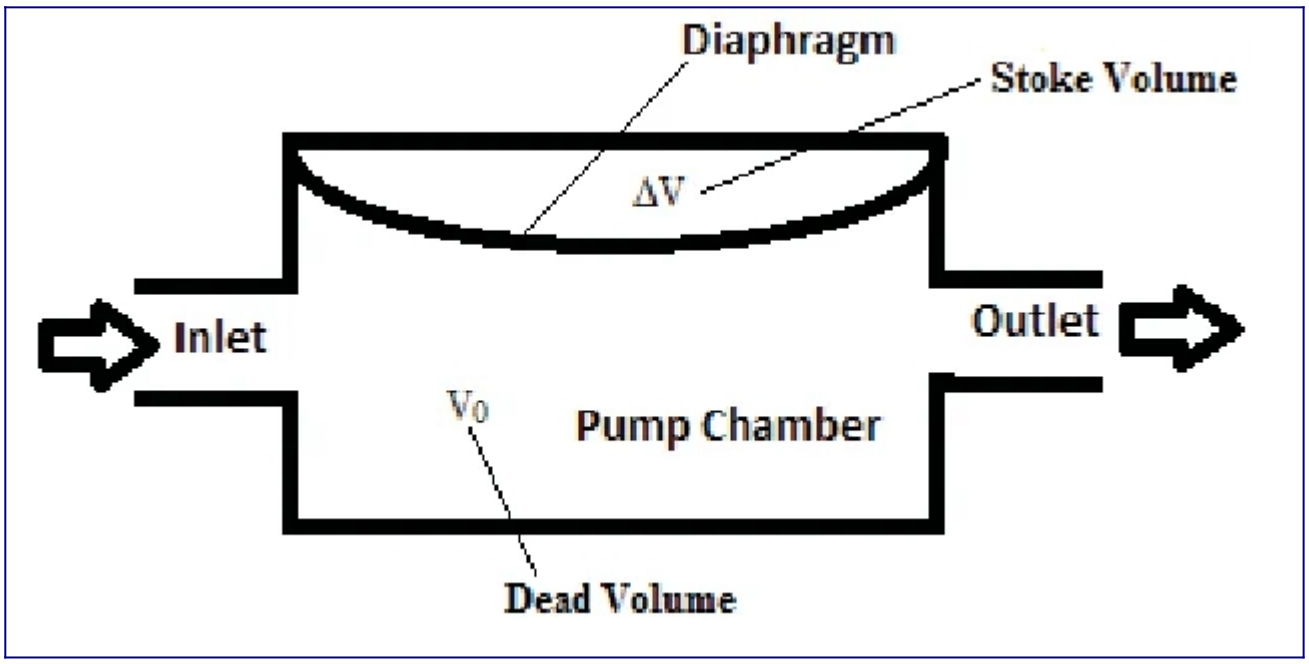
24 Sep 2024
Modulator Diaphragm Helium Lubricant !



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted

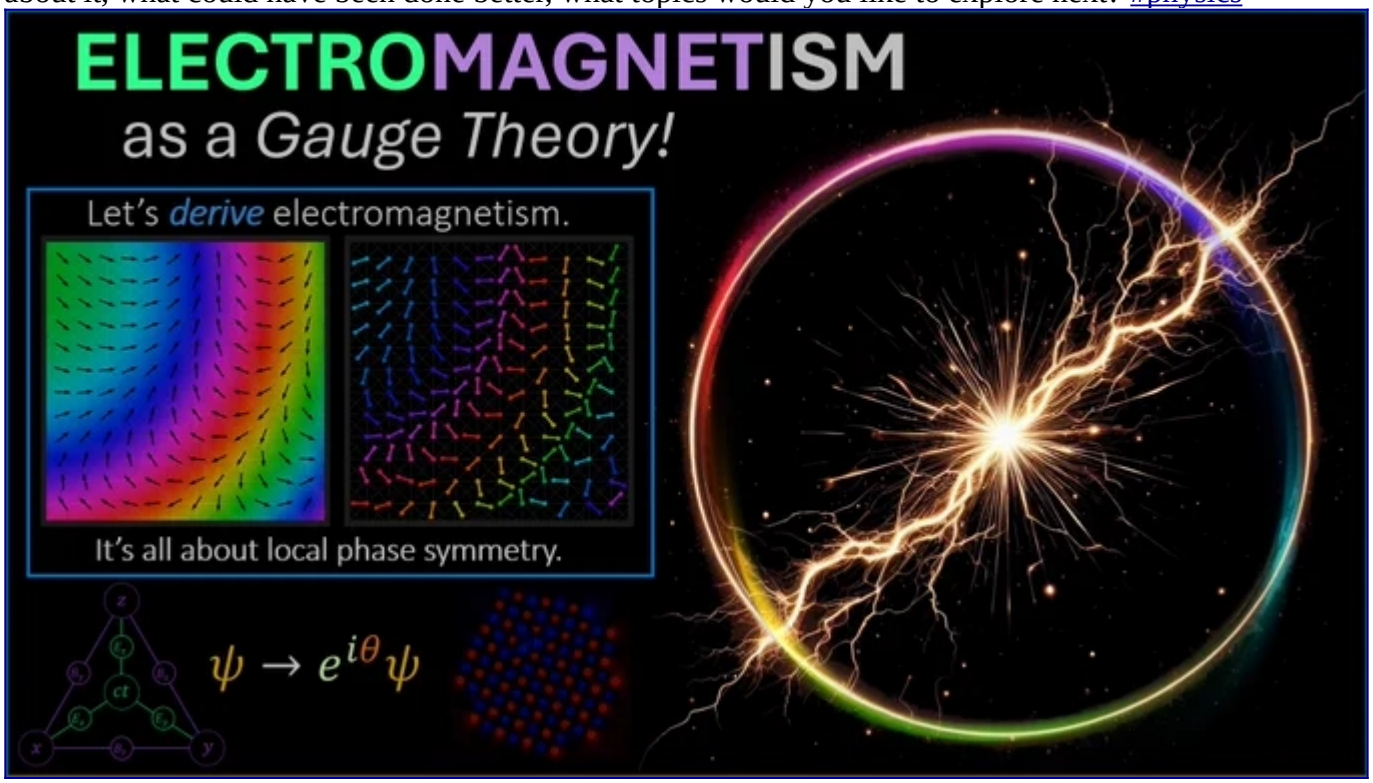
Richard Behiel

@RBehiel

1 Jul 2024

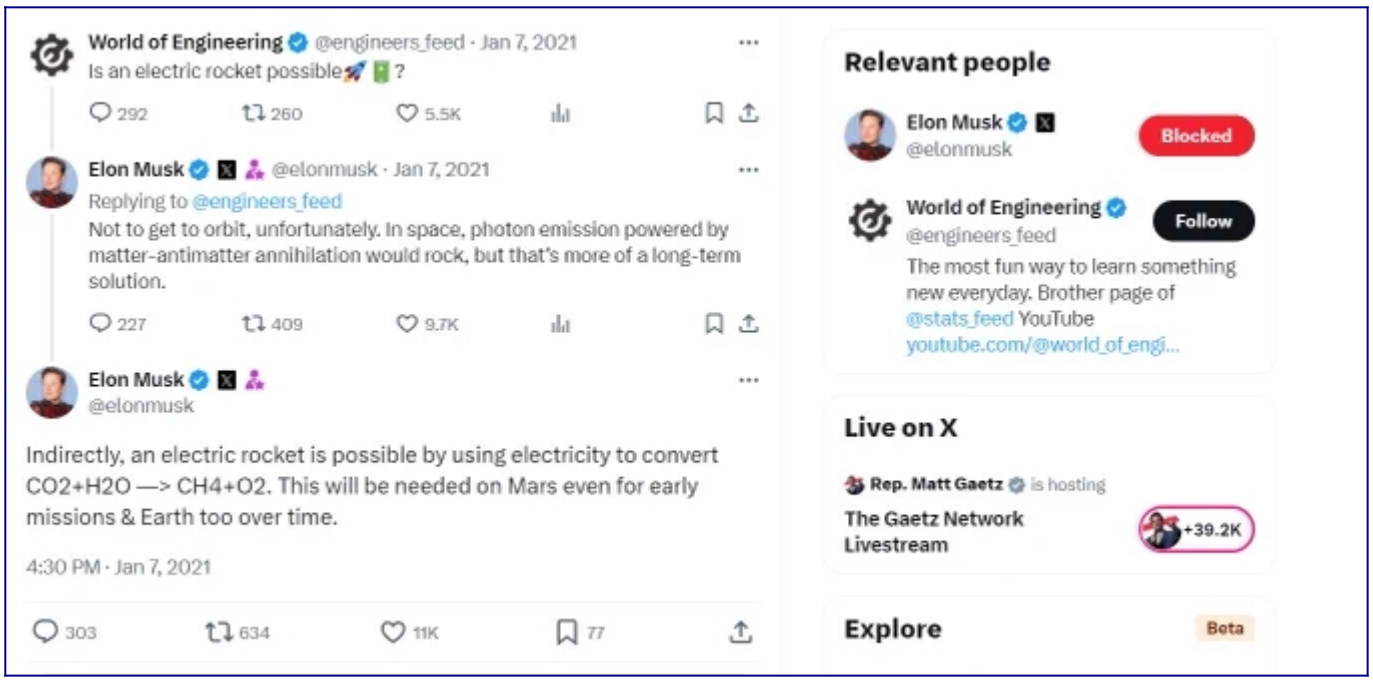
The world around us is mostly electromagnetism. youtu.be/Sj_GSBaUE1o?si=rn65… When you touch something, the electrons in your hand repel the electrons in the thing. That's why your hand doesn't go through the thing. Also, the fact that you have a hand in the first place, is due to the chemical bonds that hold the atoms in your hand together. And what is chemistry, but the study of how atoms interact electromagnetically? Then there are the more evidently electromagnetic things. Electricity, magnets, lightning, computers, your brain, all that stuff. And then we've got light, radio waves, X-rays, microwaves, all of which are the flopping around of the electromagnetic field, whatever that is! Actually, just about everything in our world is electromagnetic. Sure, there's a bit of gravity in there too, to keep us from floating away. And yeah, the strong nuclear force is sometimes unleashed, but it usually remains locked in the nuclei, only passively participating in our lives by giving matter 99% of its mass (you'd only weigh a pound or two if not for the strong nuclear force). And also, our existence is graced ever so gently by the weak nuclear force, but that's really just part of what electromagnetism could have been, if not for the Higgs field. So when you look around, almost all of the world around you, and all of the ways in which you see and sense it, is a manifestation of electromagnetism. But wait… what is going on here? Have you ever been in a dream, and there's something obviously unusual about the situation, but you just don't think to question it? For some reason, you just go with it? But then you wake up and realize, wow, I can't believe I didn't realize how weird that was! Hey. I'm not saying you're in a dream. But. Why is electromagnetism a thing? … To most people, that sounds like one of those big questions that we'll have never have an answer for, like "why are we here" and "what is the purpose of life" and "how do you pronounce gif". So, maybe the reason people don't often ask why electromagnetism is a thing, is that they don't dare to believe that a satisfying answer might exist. You can't just go tapping into the source code of reality to figure out why electromagnetism is a thing, right? Wrong. An answer does exist. Electromagnetism can be derived from just one symmetry principle, along with a few observations about the nature of space and time, energy and momentum. Those who have studied physics in depth will know that local U(1) symmetry blossoms into electromagnetism, and they will all agree that this is one of the most beautiful concepts ever. It hits you like a spiritual epiphany, and once you see it, you can never unsee it. It changes your view of the world at a fundamental level. This is one of the greatest joys in life. So, I wanted to make a video for grad students (and ambitious undergrads) who are studying physics, or are physics-adjacent, that shows how electromagnetism arises from local U(1) symmetry. There are videos out there already which

sort of describe the concept, and talk around it, without really getting into detail. And that’s fine. But let’s really get into it, ok? Let’s examine the topic with the intensity it deserves :) Even though the video is like 3 hours long (hard to make it shorter while doing the topic justice), I hope that the video format can make it an efficient learning experience, relative to how long it usually takes to learn physics. And you have the ability to skip around, or pause it and come back later, so think of it as a video textbook. It might be a bit much to watch all in one sitting, frankly. But it’ll be there for you when you need it, and I hope it’ll be a helpful learning resource for you, on your journey to understand the nature of things. As always, I’d love to hear your thoughts! What did you enjoy about it, what could have been done better, what topics would you like to explore next? #physics

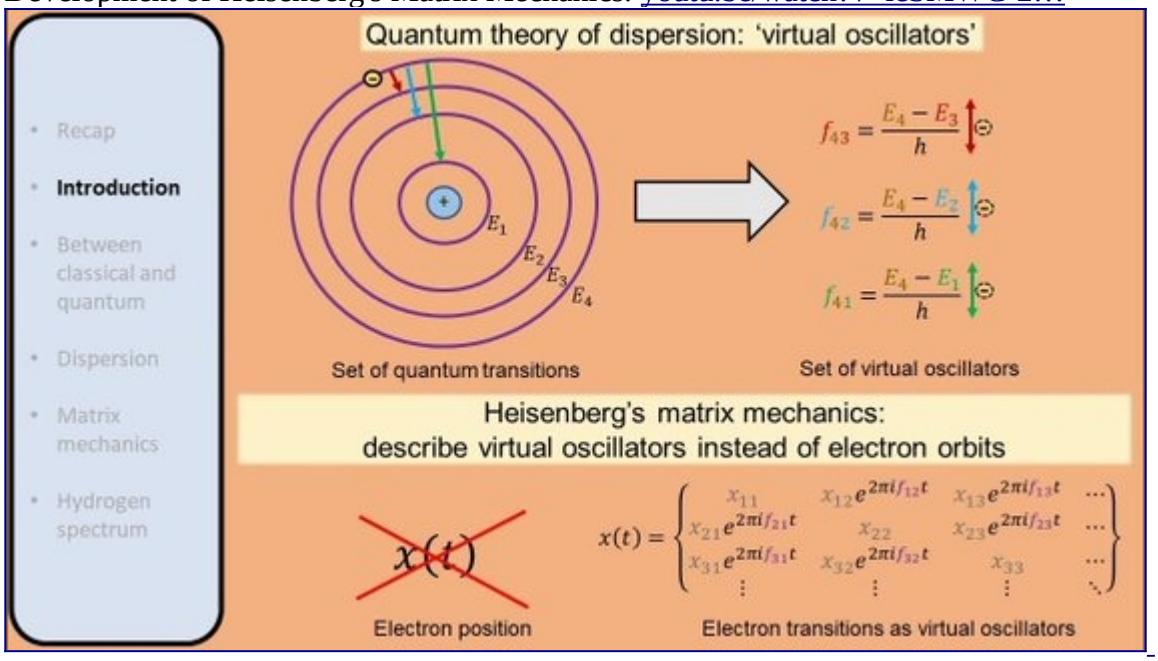


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Sep 2024
ANTIGRAVITY is in the TEXTBOOKS ! NOT HIDDEN, just not understood.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Sep 2024
I'll address this in the future. This guy just a a Lack of KNOWLEDGE and as most others, he's got a Big Learning curve to fully understand this technology. Most A&P mechanic will understand how the Vacuum Modulator develops the Kinetic Longitudinal Waves and Stand them up, way down in these posting.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Sep 2024
Development of Heisenberg's Matrix Mechanics. youtu.be/watch?v=lcSMWC-2…



05. Development of Heisenberg's matrix mechanics

Slides and transcripts:
https://drive.google.com/drive/folders/1Ekmg_Zl2SN1vsDZUW8HRXPVH9VcqMRv80:00 Recap of previous videos4:50 Overview11:44 Adiabatic hyp...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Sep 2024

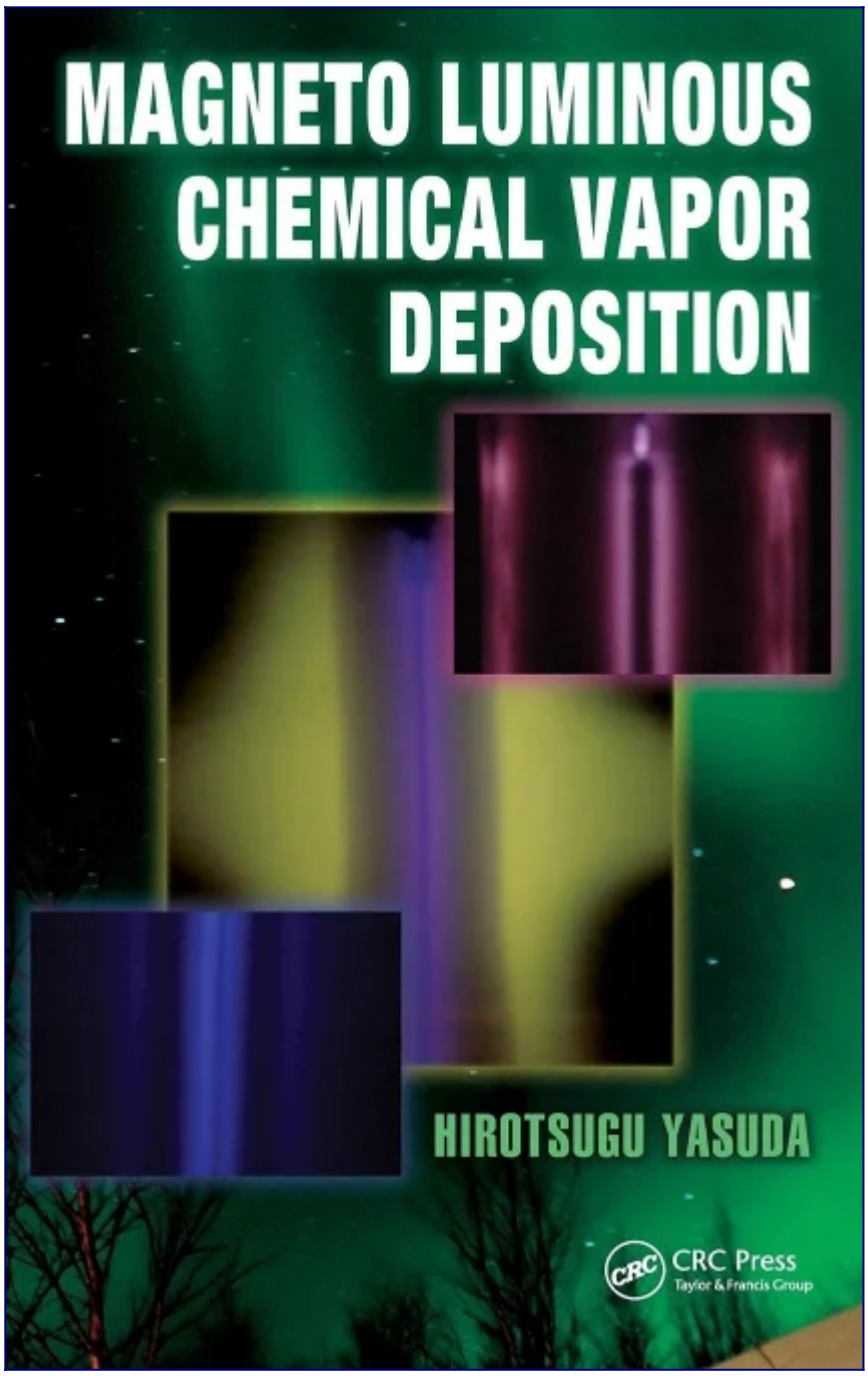
Replying to @AshtonForbes @ashtonforbes
A better use of words; There is an 'Informational" social engineering program in Academia to push non valid concepts of disappearing energy nonsense. TIME is taught incorrectly. It is taught in Academia as being joined at the hip of Spacial Dimension but 180 degrees out of Phase. It has been Proven wrong Empirically. Yet low Information Phd with Academic mafia connections continue to teach such. This concept generates many Narcissistic and Arrogant PhDs whom repeat and add to the mis-information pile of Poo. What happens in when an antigravity vehicle energizes it's BUOYANCY SYSTEM, it's Plasma Field generating system fills the spaces between Field Waves with Gas Ions so thick a Standing Kinetic, 2 Dimensional degree of Freedom, Wave Stands up and increases relative density (virtual). Upon filling the Plasma Wave's Holes/Valleys,Wells/ect. (Low density spots) The Wave becomes Kinetically Longitudinal. Compressing and Expanding dimensional space is what is Physically happening. That is defined as a variable density gradient, within a field. Nothing fancy. Modern Magikal Mystics of the UAP Alien Disclosure Community utilize Magikal Word Mage (politician) Magik Spells to Confuse the Population. (wa la tower Baby-lawn) Use of words like Time Bending Space Warping. i wrote my own personal textbook and had to throw away 4 Atomic Forces of Nature because it is a Lie. No Fist me in my TIME BENDING SPACE BLACK HOE.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Replying to @freedomfight999 @ashtonforbes
Those alien being probably have an oppressive government overburdening their middle and lower classes with excessive heavy taxation (>10%), social control requirements, laws to force conformity and must submit to an annual Inventory Count by forcing them to file taxes, even if they are homeless and made only .99 cents..

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Replying to @N8 N8
If you heat a grease you can pump it and use it as a Fuel. JP7 was a thick greasy fuel. The Fuel trucks for the SR-71 had Calrod heaters around the Fuel pick ups to melt it to a pump able viscosity. The KC-135T (SR-71 Tanker) had calrod elements around the belly Hyd Fuel Pumps to heat the fuel to a Pump-able Viscosity. Belly Tanks were dedicated to JP-7 only and not available as fuel for the KC-135T. Fuel efficiency in combustion engines is based on Density(weight) of Specified Fuel. KC-135T models differed also in having a Light under the Tail Cone to increase viability during SR-71 refuel. If you use heaver Fuel, you get better gas millage. SpaceX using RP-1 (De-sulfated Kerosene) instead of liquid Hydrogen. That is a brilliant snub to NASA! Kerosene's weight is substantially more than liquefied Hydrogen. Using RP-1 yields more than twice the range of a LHOX NASA rocket! I saw a Fuel Curve for a special high altitude F110-129 engine that had a Platinum/Ceramic Turbine. Compression ratio was 32 to 1. Fuel Curve side this model makes 1,712lbs thrust at 92,000 feet ! Not much air up there.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

21 Sep 2024
there are metallic greases that weight 12lbs per gallon + that have been utilized as extreme altitude fuels.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Replying to @Mukshud @mukshud
Blackbody Radiation Theory Channeling the Darkness since 1860.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Replying to @DocXYO @tim_cook
You still have Bill Gates ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Replying to @AshtonForbes @ashtonforbes
Only 3 Forces of Nature, Not 4. Electron E Magnetic M or B or H Kinetic K or I or Q
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
21 Sep 2024
Nice title for a book.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Sep 2024
UPDATED (HEISENBERG style) FORCE MATRICES MAP. Clarified per request. You should note that as you go up toward HIGHER ORDER FORCES, Lower Order layers are found inside the next higher order of FORCE DISTRIBUTION.

The beginning: A POINT of REFERENCE: 1 DEGREE of FREEDOM
LATTICE STRUCTURE: RESULTANT of NON TRIVIAL ZEROs
THIS begins the 2 DIMENSIONAL COSMIC LATTICE of CONTINUA or MICROVERSE

LOCI of $r^0 = \frac{1}{\geq 0!}|x1 \quad 1|$ **POINT in 1D LATTICE**

FORMATION of DIPOLAR FORCES: 2 DEGREES of FREEDOM
ELECTRONS are King in this DOMAIN: THIS ENDs the 2 DIMESNIONAL LATTICE
FRACTIONAL FORCES DOMINATE this DOMAIN
THIS ENDs the MICROVERSE LATTICE of CONTINUA
This DOMAIN is TRANSIENT due to Forming Dipoles.

LENGTH or $r^1 = \frac{1}{1!}\begin{vmatrix} x_1 & 1 \\ x_2 & 1 \end{vmatrix}$ **LINE or LOCUS or LENGTH**

This is where Waves begin: 4 DEGREES of FREEDOM:
IONs COUPLE to ELECTRONs in this DOMAIN: Boundary of the MACROVERSE
THIS DIMENSIONAL AREA begins the non LATTICE EXPANSIVE MACROVERSE
THE MACROVERSE is inside the MICROVERSE linked by EIKONAL vectors
SINGLE AXIAL FORCES begins here.
EXPANSIVENESS and CONTRACTIVENESS are the GRADIENTS of the FIELD.

AREA or $r^2 =$ $\frac{1}{2!}\begin{vmatrix} x1 & y1 & 1 \\ x2 & y2 & 1 \\ x3 & y3 & 1 \end{vmatrix}$ **Length + Width = FIELD**

REALIZED MASS : 6 DEGREES of FREEDOM : ¼ Wave FUNCTION
IONS are KING in this DOMAIN
LENGTH x WIDTH x DEPTH = VOLUME
This DOMAIN gives rise to the Momentum withing the FIELD.
2 AXIAL FORCES begins here. ^{*432}

VOLUME or $r^3 = \frac{1}{3!}\begin{vmatrix} x1 & y1 & Z1 & 1 \\ x2 & y2 & z2 & 1 \\ x3 & y3 & z3 & 1 \\ x4 & y4 & z4 & 1 \end{vmatrix}$ **CUBE or FOCI = MASS**

9 Degrees of Freedom: MOMENTUM begins here : K = TRANSPORT FORCE
K goes into motion: K is EXPANSIVE or CONTRACTIVE in ¼ wave
This is where the Macroverse inside the MICROVERSE exchange FORCE
MACROVERSE is EIKONALLY CONVEX to MICROVERSE
3 AXIAL FORCES begin here.

PROJECTION or $r^4 = \frac{1}{4!}\begin{vmatrix} x1 & y1 & z1 & K1 & 1 \\ x2 & y1 & z2 & K2 & 1 \\ x3 & y3 & z3 & K3 & 1 \\ x4 & y4 & z4 & K4 & 1 \\ x5 & y5 & z5 & K5 & 1 \end{vmatrix}$ **TESSERACT**

27 DEGREES of FREEDOM Dispersal of MOMENTUM begins here ; q=I
K is absorbed ELASTICALLY or INELASTICALLY
DEFORMATION/RELAXATION begins here

REFLECTION or $r^5 = \frac{1}{5!}\begin{vmatrix} x1 & y1 & z1 & K1 & I1 & 1 \\ x2 & y2 & z2 & K2 & I2 & 1 \\ x3 & y3 & z3 & K3 & I3 & 1 \\ x4 & y4 & z4 & K4 & I4 & 1 \\ x5 & y5 & z5 & K5 & I5 & 1 \\ x6 & y6 & z6 & K6 & I6 & 1 \end{vmatrix}$ **POLYTOPE**

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
20 Sep 2024
NOTE on COORDINATE SYSTEMS, The majority of Physics related math involves 2 differing spacing GAUGES. The Cartesian System is very familiar to most. It is the Common X & Y grid. It is based on cubical Lattice structures. Ships & Aircraft's Body Station and water Lines are based on this system. The Orthographic Coordinate System utilizes Rotary Degrees of movement and is based on Spherical Geometry. You must constantly Orthographically project from the Cartesian Coordinate system in many Mass transfer operations. The Universal Cosmic Lattice of HYDROGEN Continua is a 2D Lattice. Expansive and Contractive FORCES of NATURE are Modeled Orthographically in 3 Dimensions from the 2D Hydrogen Lattice.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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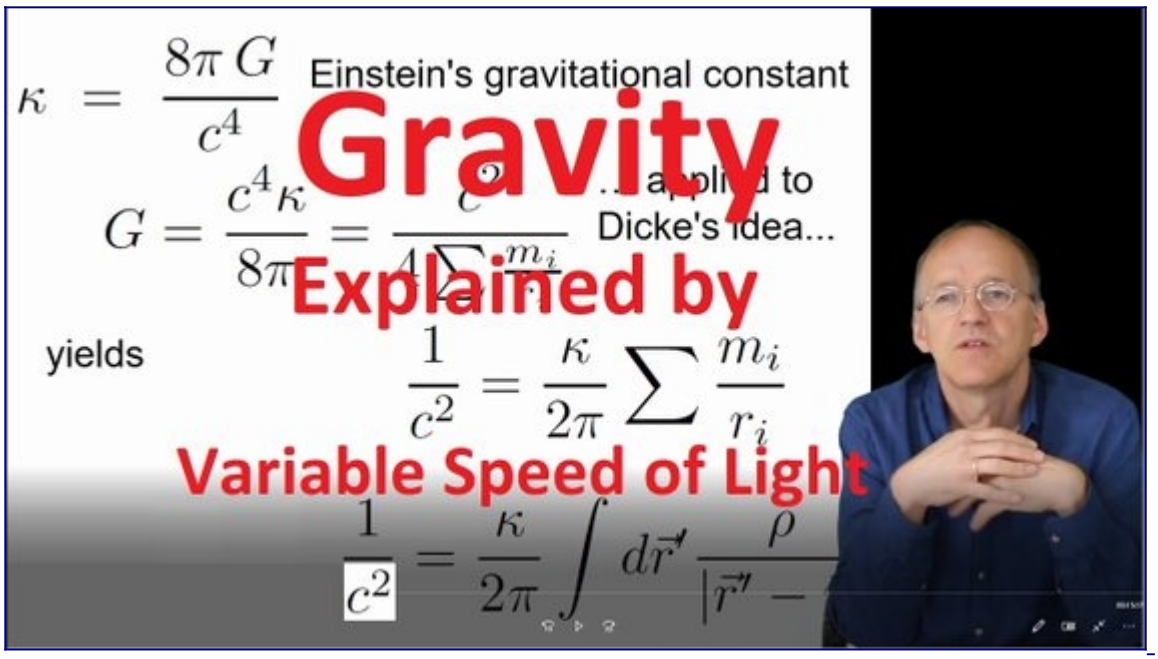
20 Sep 2024
WANDERING CONSTANT. Even Eisenstein knew the WANDERING CONSTANT of Light's Velocity has NO AXIS of SPACE. youtu.be/watch?v=aSEYzcbP…



How Variable Speed of Light Explains Gravity

A little more technical account how GR tests are describes by VSL and how Newton's law is recovered.14:18: c* is the lower speed of light IN the gravitationa...

youtube.com
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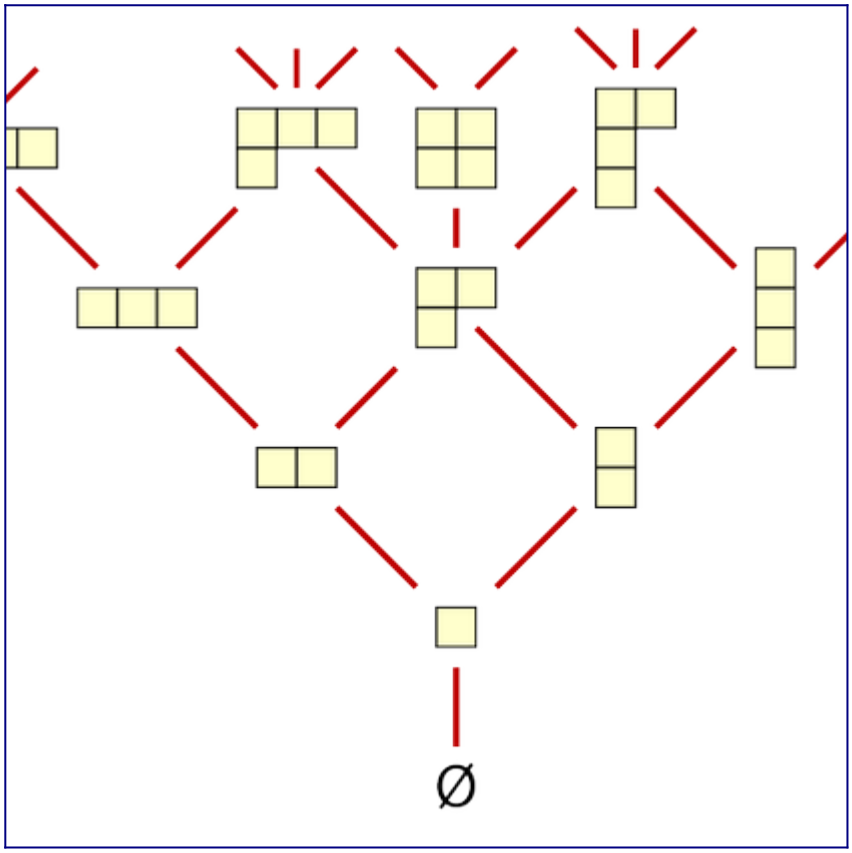
19 Sep 2024

Young's Lattice en.wikipedia.org/wiki/Young%…



Young's lattice - Wikipedia

en.wikipedia.org

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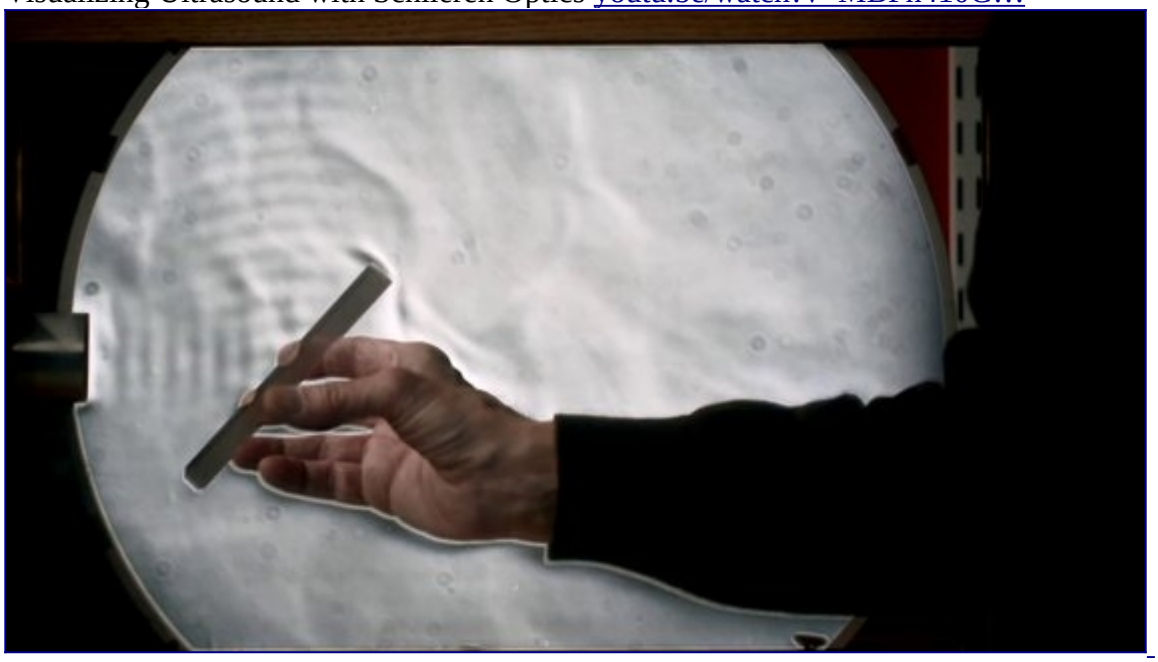
@TMBSPACESHIPS
19 Sep 2024
Replying to @ouch_canada @wopizza4

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Sep 2024
Replying to @AtlanticThoth @Alien_Scientist
Visualizing Ultrasound with Schlieren Optics youtu.be/watch?v=MBPh410G…



Visualizing Ultrasound with Schlieren Optics Part I

Part 1 of 3. We use a schlieren optics system with a strobing light source to visualize ultrasonic waves emitted by a transducer driven at a frequency of 28 ...

youtube.com

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Sep 2024
Replying to @lovinGrapeJuice @GregTrayling
In my own family Physics Book The Constants are Fix points needing correctional EIKONAL vectors due to the Wandering Constant. A WANDERING CONSTANT is a Physical CONSTANT that follows an Average Mean. The ANALEMMA and the Velocity of Light are such. The Whole Universe is Moving and Nothing in the UNIVERSE is NOT MOVING. This is why we don't find COLD SOLAR BODIES near or below absolute ZERO. (ICE SUNS if you will) I define it this way. The Universal Cosmic HYDROGEN LATTICE of Continua is everywhere and cannot be fully

evacuated from Vacuum facilities. It is moving or CO-Moving in Field. The Universal Cosmic 2D Lattice's IONS are inductive to a propagating electron, giving rise to the illusion that there is a Speed Limit on light. To use C as T Joined at the Hip to SPACE just doesn't work in Physical Force Differentials unless you fake your by corrections the output. One Empirical point is the whole universe is moving in one single Frame of reference not 2. And cannot be 2 points of Reference. Time is considered it's own frame Empirically. I don't care if I get more Hate DM saying that because it comes from my personal Textbook. To join SPACE at the hip of Time has on EMPIRICAL FOUNDATION, basically it is Antiempirical. When you see F = M A it is Empirically consider that MA is divided by TIME and not show as such due to Mathematical tradition. This is should be in books for clarity. F= M A / TIME This is empirical. On the Microscale there are 2D force Field that we don't experience on our Macroscale. We must generated artificially 2 Dimensional Force Fields at OUR r3 VOLUMETRIC MACROSCALE. At the Macroscale, the Microscale's smaller IONIC Lattice is conformally and adhesively all around the Macroscale. Electrons and Fractional Electrons (Eddys) fill the void. Everything smaller than an Electron is an Eddy of the Electron and has only the Wave created Virtual Mass which will be found in a Small fraction of the Electron orbital spin, sometimes exponentially less than 1 degree of rotation. These Eddys of Electrons are the Ghost of the Bose-Einstein Condensate. F = m \cdot is FAKE. It does not allow Energy Compression or Expansion. I cannot use C , where C is suggested to to be Time x Space but 180 degrees out of Phase from each other, then corrected. That would be 2 sets of 2 Dimensional Degrees of Freedom. That make no sense. Hope I didn't confuse you. I know it'll make sense when you clarify it in your own personal Physics Textbook.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Sep 2024
Replying to @N8_____N8 @aviationarchive
Real World Answer. Yes and No, Conventional Aircraft will always have a need. Certain aspects of Conventional Technology are Timeless. We will have the cartridge Firing Firearm for 300+ more years, due to the timelessness of it's technology. The Kind of vehicles that will emerge in 2 years is the basis of the technology I am posting here on Twitter. No Disclosure coming. There are no Antigravity Secrets, everything is in the Textbooks. EVERYTHING !!! I see the real Antigravity Program History on the Internet, all scrambled up with FAKE Alien stuff misdirecting people. I never saw any aliens or alien technology. I do believe in Aliens. I had to read what was Obviously Fake Alien Treaty Briefings. The Fake Alien Treaty Briefings are a technique used to find PROGRAM LEAKERS in their first 4 years of residency. The Fake Briefing are all uniquely written with specific informational details that are not in anyone else's Folder. I was told they hire SciFi writers to make these FAKE ALIEN TREATY Folders. A resident PhD will not be allowed to see any advanced technology until year 4. Any REAL ALIEN technology recovered by the US government would go to AFIT Labs, none specific as all USAF and base PMEL Lab are all well equipped. I don't speak to specifics or operations at all because I look to the future. I was told recovered vehicles are immediately auctioned off to Private individuals (not companies) and the Generals share the money. This is why no real Proof has emerged. Due to the Elites Dumbing down the population, most PhDs are under educated and don't understand their own FIELD to a full confidence level. I work in a University RADAR engineering program but I speak a differing language to my fellow PhD Peers. Here's a Question you can ask to "Mr. I know everything about Physics." Per Newton, For every action there is an Equal and Opposite action. Given that I am

standing on this Planet with 225lbs of KINETIC PRESSURE pushing me downward. Q!: WHERE is the UPWARD DISPLACEMENT of GRAVITY ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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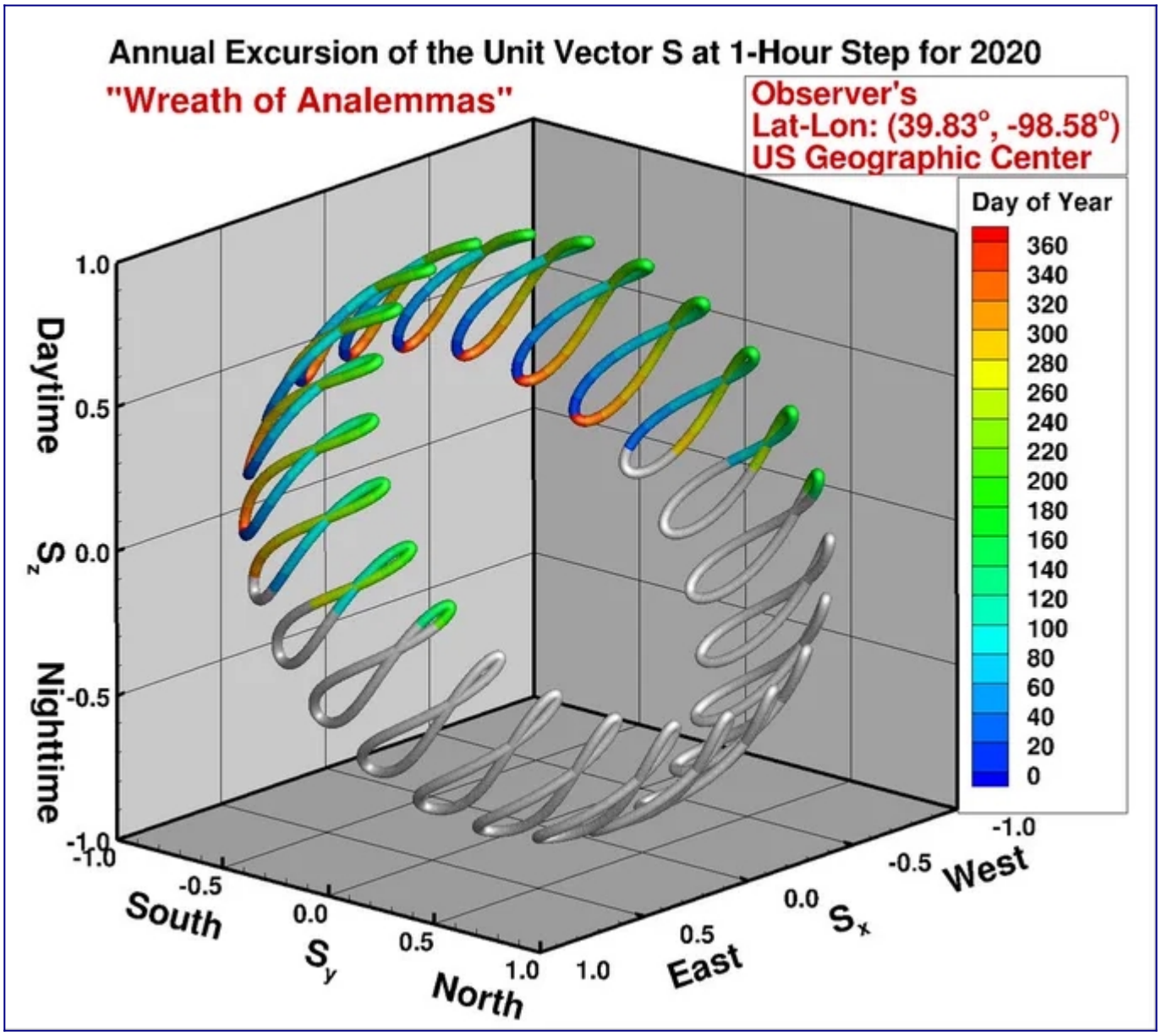
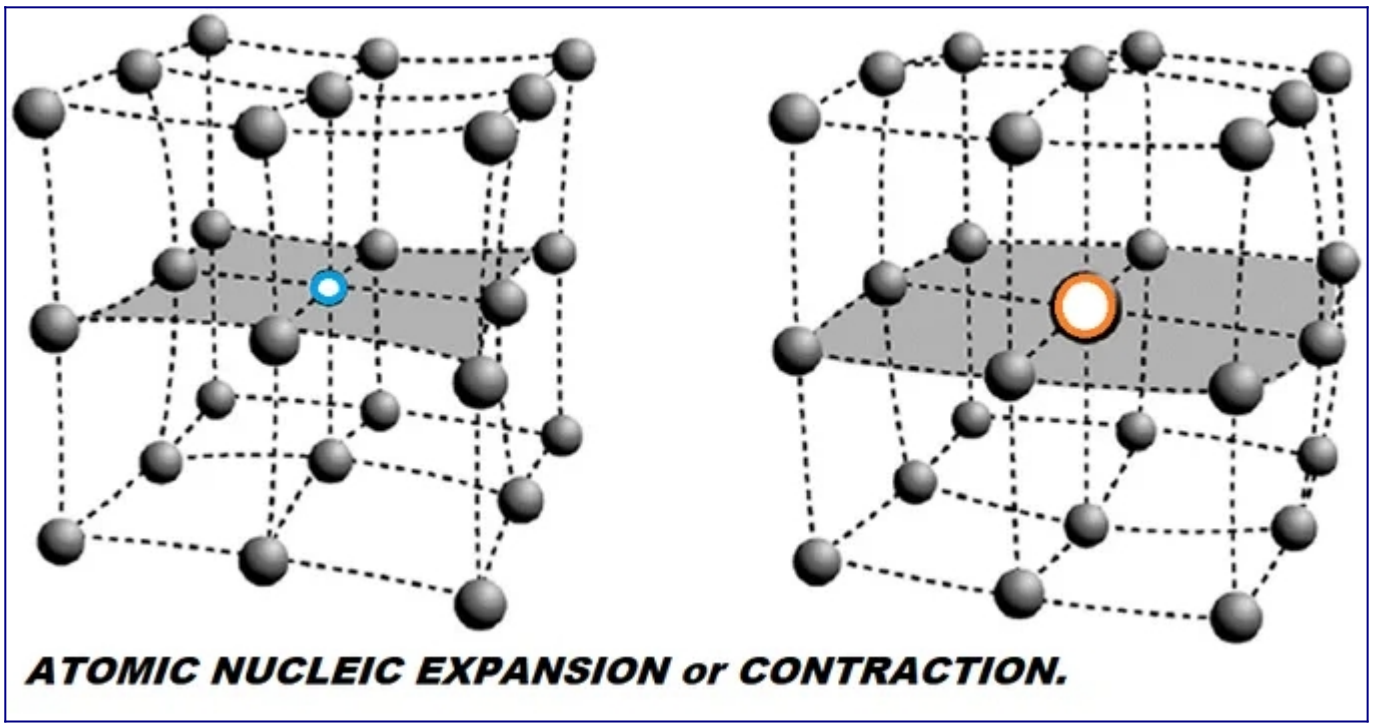
19 Sep 2024
Macro Analemma Modeling.



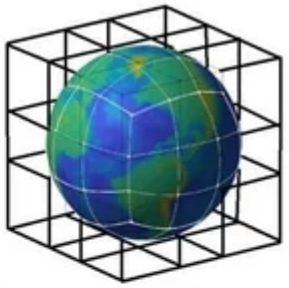
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Sep 2024
When a Large Ion enters a Lattice of Electrons, The IONS larger DIMENSION allows a greater Degree of FREEDOM than the ELECTRONs Surrounding Vectors are EIKONALLY stretched. This allows NON TRIVIAL ZERO SUM K movement.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
19 Sep 2024
Replying to @lovinGrapeJuice @GregTrayling
Here be the ANALEMMA and LEMMA. For GRAVITATION FIELD MAPPING. I don't criticize others knowledge as this would be wrong for the role of a Instructor. I get lots of hate DM saying "ONLY 3 FORCES of NATURE" There are no wrong answer, Bad answers arise from misunderstanding or Lack of Knowledge in the individuals Knowledge Pool. I only show 1 page of the Multi-Dimensional Matrices, Replace XYZ with EMK on LEMMA's 9 Matrices and Transport.

SECTION D ANALEMMA

EIKONAL MAPPING FIELD-WAVE in surrounding MEDIA AGER (K AXI tables only show.)



4 TYPES of AGER MEDIA, SOLID, LIQUID, GASS, VACCUM r^2/PLASMA r^3 (K Adhesion)

DIAGRAM of OPERATION for AGER or ARGOS derivatives.

1AGER = 1 REALIZED FIELD-WAVE FOCI r3 with r2 objects removed.

R2 Function $(+x\text{-}x)^2 + (+y\text{-}y)^2 + (+z\text{-}z)^2 - c^2(t'_2 - t'_1) = 0$

Improved R3 Function $((\sigma{+}x\text{-}x)^3 + (\sigma{+}y\text{-}y)^3 + (\sigma{+}z\text{-}z)^3) - c^2(t'_2 - t'_1) \neq 0 = \approx \{\pm 0\} + r3/r2$ wave remainder.

We perceive 3/2 wave remainder as continuous ¾ wave of Time.

MAPPING of a FIELD (WAVE) around an ABSTRACT POINT.

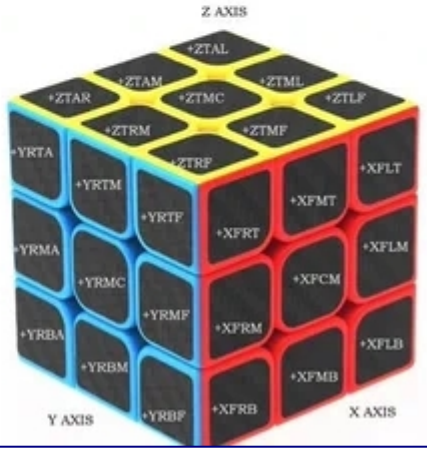
The r^3 DYNAMIC OPERATOR INFINTY TRANSFER PROTRACTOR.

WHERE: F=Front | T=Top | L=Left | M=Middle | R=Right | B=Bottom | A=AFT | C=Center

Center Cubical FOCI = xCenter, yCenter, zCenter (6 sided Cube with 27 Cubes)(Can Put Infinite Cubes(Variables) inside Cube(Variables) and on, and on, and on, Center Cubical FOCI Stores (Elastic) or Releases energy ($E'_n + e$). Center FOCI=r2=3D Spaceship Variables | Torsion & Shear transfer conventionally.

CUBICAL AGER SURFACE FORCE of ANGULAR TRANSFER ARRAY ANALEMMA

Σ=XYZ + AXI FIELD MOVEMENT only MATRICES



FRONT r^3 MATRICES — **X AXI APEX** — **AFT r^3 MATRICES**

$$\begin{Bmatrix} +XFRT & +XFMT & +XFLT \\ +XFRM & +XFMC & +XFLM \\ +XFBR & +XFBM & +XFBL \end{Bmatrix} \text{ OPPOSES } \begin{Bmatrix} -XART & -XAMT & -XALT \\ -XARM & -XAMC & -XALM \\ -XABR & -XABM & -XABL \end{Bmatrix}$$

RIGHT r^3 MATRICES — **Y AXI APEX** — **LEFT r^3 MATRICES**

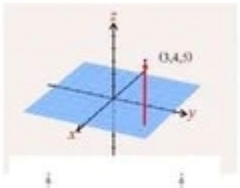
$$\begin{Bmatrix} +YFRT & +YFMT & +YFLT \\ +YFRM & +YFMC & +YFLM \\ +YFBR & +YFBM & +YFBL \end{Bmatrix} \text{ OPPOSES } \begin{Bmatrix} -YART & -YAMT & -YALT \\ -YARM & -YAMC & -YALM \\ -YABR & -YABM & -YABL \end{Bmatrix}$$

TOP r^3 MATRICES — **Z AXI APEX** — **BOTTOM r^3 MATRICES**

$$\begin{Bmatrix} +ZFRT & +ZFMT & +ZFLT \\ +ZFRM & +ZFMC & +ZFLM \\ +ZFBR & +ZFBM & +ZFBL \end{Bmatrix} \text{ OPPOSES } \begin{Bmatrix} -ZART & -ZAMT & -ZALT \\ -ZARM & -ZAMC & -ZALM \\ -ZABR & -ZABM & -ZABL \end{Bmatrix}$$

SECTION C LEMMA

LOCI of 3 Axial "FOCI" of FORCE MATRICES



ABSTRACT REFERENCE POINT of R1 (X0,Y0,Z0) is called a LOCI. | One 'REALIZED' LOCI is called a FOCI | 3 AXI are both FOCI and LOCI.

1FOCI= Center Mass multi-FORCE-TENSOR | 1FOCI of ABSTRACT FORCE= 3 single AXI of ELECTRONIC = E, e , MAGNETIC = M, m, KINETIC = K, k

1 r3 FOCI of 3x 2D r2 SINGLE AXIAL FORCE have with Magnitude and Vector in a Native Gradient Field, FIELD TENSOR LEMMA.

ZERO STATES do not exist due to thermal agitation of the Universe in Motion. These states are referenced as the Empirical impossibilities due to ¼ wave Schrödinger/Pauli and use ± 0 to as Empirical representation to show tendency to remain in motion.

$$\begin{Bmatrix} x & x & x \\ x & x & x \\ x & x & x \end{Bmatrix}\begin{Bmatrix} x & y & z \\ y & x & y \\ z & y & x \end{Bmatrix}\begin{Bmatrix} y & x & z \\ z & x & y \\ x & z & y \end{Bmatrix}\begin{Bmatrix} z & y & x \\ y & z & y \\ x & y & z \end{Bmatrix}\begin{Bmatrix} y & y & y \\ y & y & y \\ y & y & y \end{Bmatrix}\begin{Bmatrix} y & x & z \\ x & z & x \\ z & x & y \end{Bmatrix}\begin{Bmatrix} x & z & y \\ z & y & z \\ y & z & x \end{Bmatrix}\begin{Bmatrix} y & z & x \\ z & x & z \\ x & z & y \end{Bmatrix}\begin{Bmatrix} z & z & z \\ z & z & z \\ z & z & z \end{Bmatrix}$$

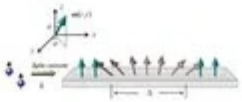
Energy HEATING/EXPANDING Dimensional states. +1

Energy STORING states (Density increase) (Conservation) $\{\pm 0\}$ $+1_t$

Energy CONDENSING /CONTRACTION Dimensional states. -1

REFERENTIAL SETS are fixed reference Sets of Discrete Sets.

DYNAMIC EMPIRICAL WAVE TRANSFER FUNCTION LIMIT STATES, showing TENDENCY of drift vector to stay in motion.



EXPANSION (Elastic)| CONSERVATION| CONDENSATION /CONTRACTION

$$\begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix} \mid \sigma xyz = \begin{Bmatrix} \sigma 11 & \sigma 12 & \sigma 13 \\ \sigma 21 & \sigma 22 & \sigma 23 \\ \sigma 31 & \sigma 32 & \sigma 33 \end{Bmatrix} \mid \text{EMPIRACLE TENDENCY } \iiint_{-1\ DARK}^{+1\ LUMINAL} \pm 0_t$$

ANALEMMA TENSOR FORCE SCALE LIMITS, AXIAL POLARITY STATES, MOMENTUM TRANSFER and ANGULAR VECTOR of ROTATION

∞ Limit	REF FOCI +1x,y,z :	NATIVE GRADIENT FIELD around FOCI	REFERENCE FOCI-1x,y,x	∞ Limit
EXPANDING	+REFERENTIAL	LH ROTARY EXPANSION | LH ROTARY CONTRACTION	Zero State	RH ROTARY CONTRACTION | RH ROTARY EXPANSION	-REFERENTIAL	CONTRACTING

X CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

$$X = \begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} \pm 0 & +1 & -1 \\ -1 & \pm 0 & +1 \\ +1 & -1 & \pm 0 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & -sin\theta \\ \pm 0 & sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & -sin\theta \\ \pm 0 & sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & sin\theta \\ \pm 0 & -sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & \pm 0 \\ \pm 0 & cos\theta & sin\theta \\ \pm 0 & -sin\theta & cos\theta \end{Bmatrix}\begin{Bmatrix} +1 & -1 & \pm 0 \\ -1 & \pm 0 & +1 \\ \pm 0 & +1 & -1 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

Y CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

$$Y = \begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & -1 \\ -1 & +1 & \pm 0 \\ \pm 0 & -1 & +1 \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & sin\theta \\ \pm 0 & +1 & \pm 0 \\ -sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & sin\theta \\ \pm 0 & -1 & \pm 0 \\ -sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & -sin\theta \\ \pm 0 & -1 & \pm 0 \\ sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} cos\theta & \pm 0 & -sin\theta \\ \pm 0 & +1 & \pm 0 \\ sin\theta & \pm 0 & cos\theta \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & +1 \\ \pm 0 & +1 & -1 \\ +1 & \pm 0 & -1 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

Z CONSERVATION, LIMITS and FORCE ANGULAR TRANSFER STATES

$$Z = \begin{Bmatrix} +1 & +1 & +1 \\ +1 & +1 & +1 \\ +1 & +1 & +1 \end{Bmatrix}\begin{Bmatrix} -1 & \pm 0 & +1 \\ +1 & -1 & \pm 0 \\ \pm 0 & +1 & -1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 0 \\ sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & +1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 1 \\ sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & -1 \end{Bmatrix}\begin{Bmatrix} \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \\ \pm 0 & \pm 0 & \pm 0 \end{Bmatrix}\begin{Bmatrix} cos\theta & sin\theta & \pm 0 \\ -sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & -1 \end{Bmatrix}\begin{Bmatrix} cos\theta & -sin\theta & \pm 0 \\ -sin\theta & cos\theta & \pm 0 \\ \pm 0 & \pm 0 & +1 \end{Bmatrix}\begin{Bmatrix} +1 & \pm 0 & -1 \\ \pm 0 & -1 & +1 \\ -1 & +1 & \pm 0 \end{Bmatrix}\begin{Bmatrix} -1 & -1 & -1 \\ -1 & -1 & -1 \\ -1 & -1 & -1 \end{Bmatrix}$$

13

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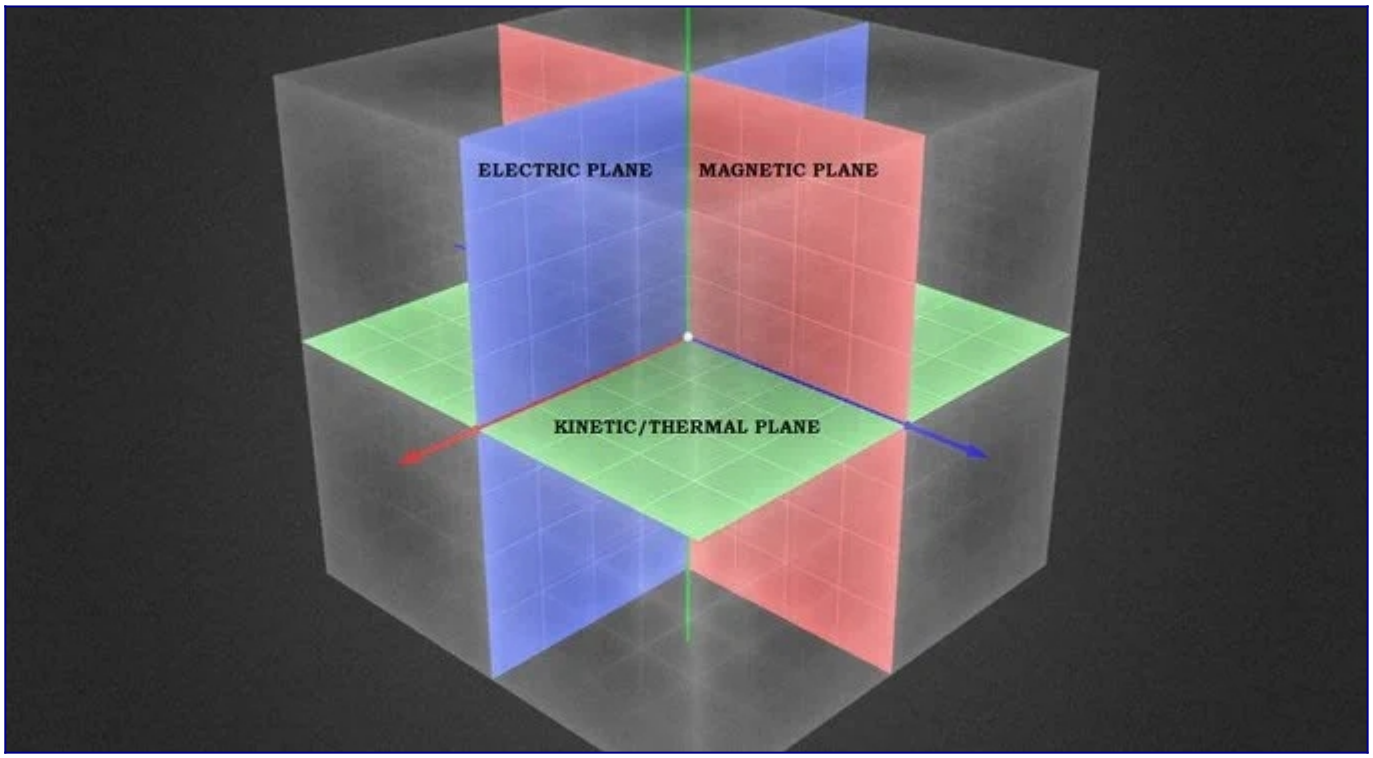
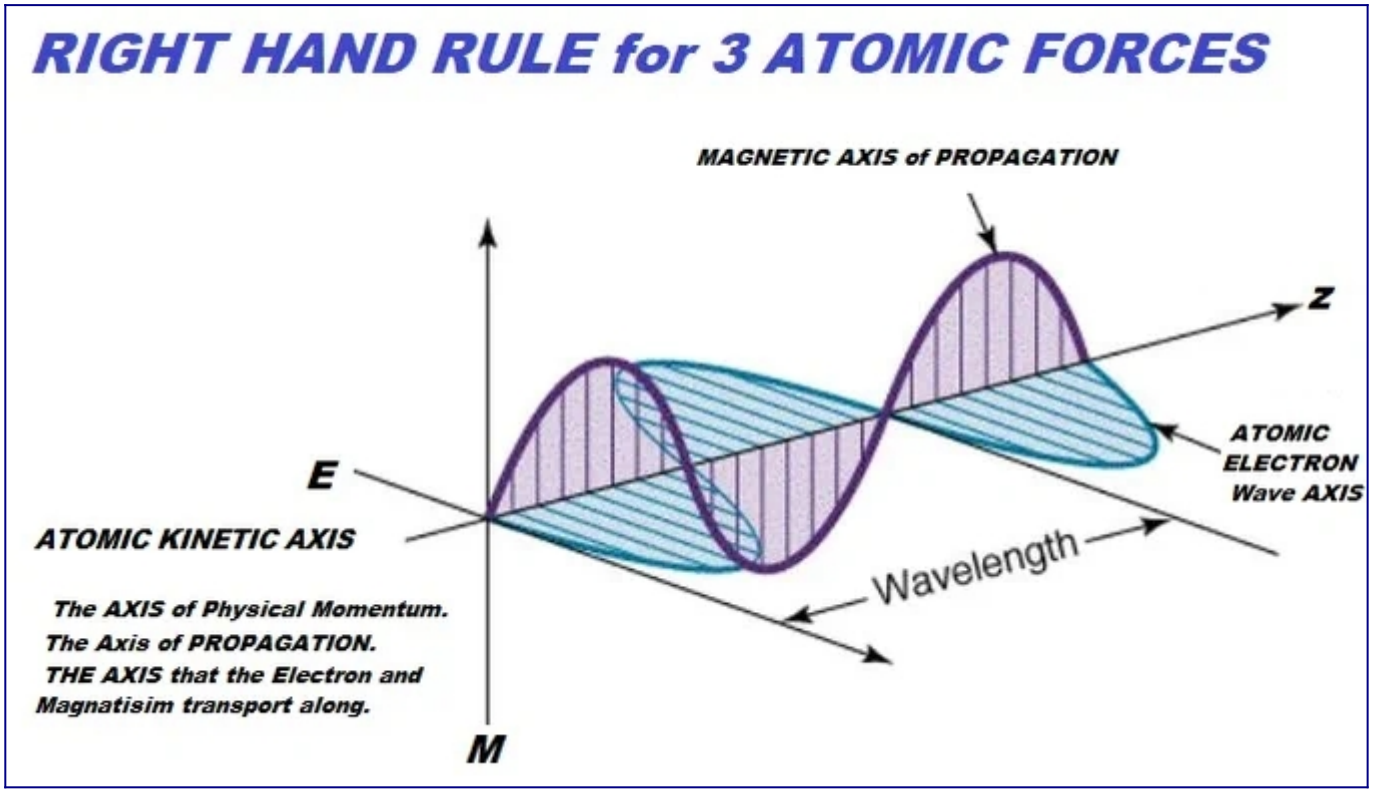
[19 Sep 2024](#)

Replying to @lovinGrapeJuice @GregTrayling
I wrote my own Family Physics Textbook. I know you'll write your own also. I gave up on FAKE 4 Forces of Nature. I use only the 3 REALIZED FORCES. ELECTRONIC AXIAL MAGNETIC AXIAL and the KINETIC AXIAL. It works beautifully in all Differentials. K is TRANSPORT of E & M. K is COMPRESSIVE in POSITIVE Propagation. K is EXPANSIVE in NEGATIVE PROPAGATION. K trades Thermal energy for Transport. K can Heat (Expand) K can Cool (Contract)





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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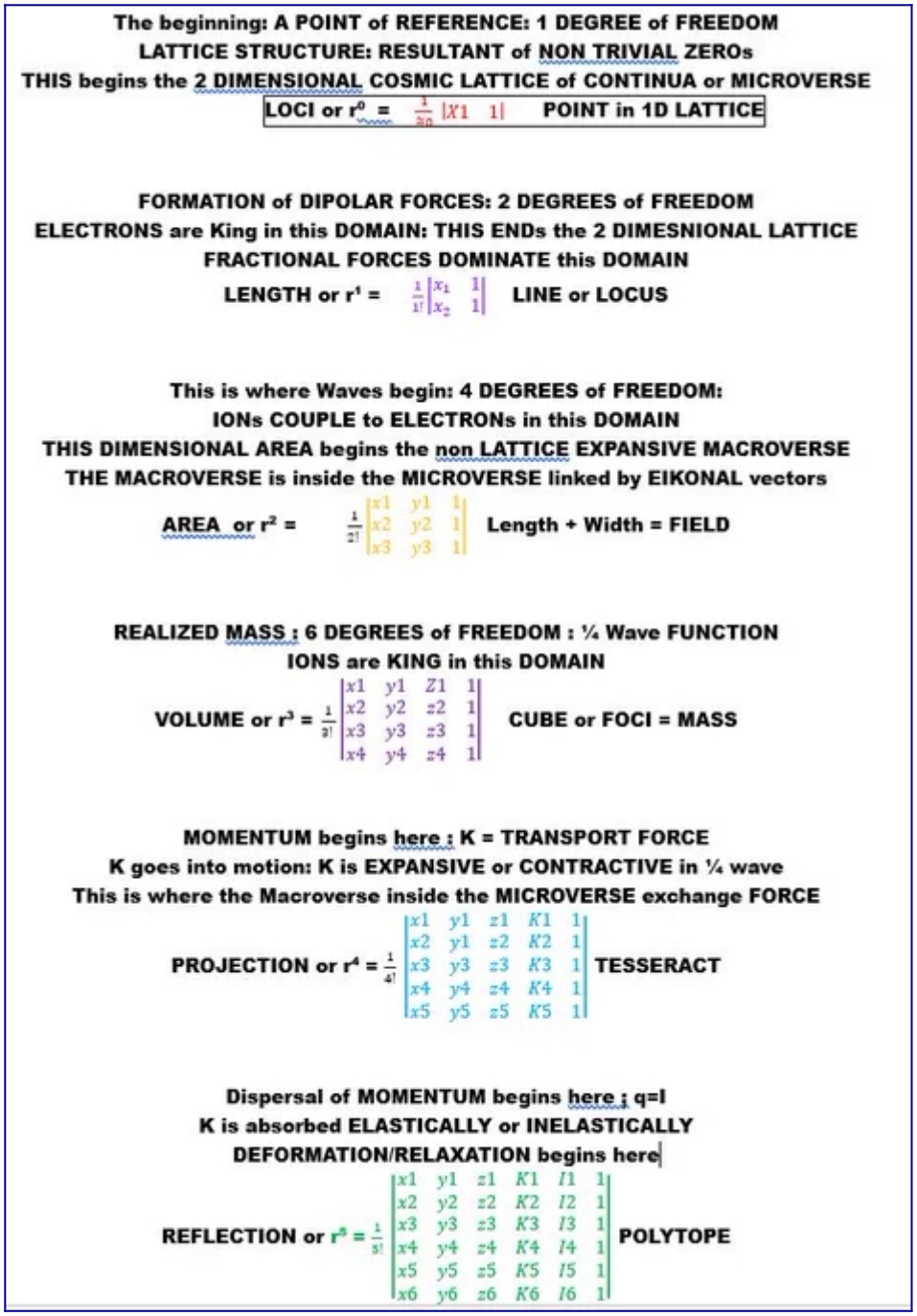
19 Sep 2024

Replying to @lovinGrapeJuice @GregTrayling

Here's the Dimensional Analemma of Space Matrices that go with that posting.



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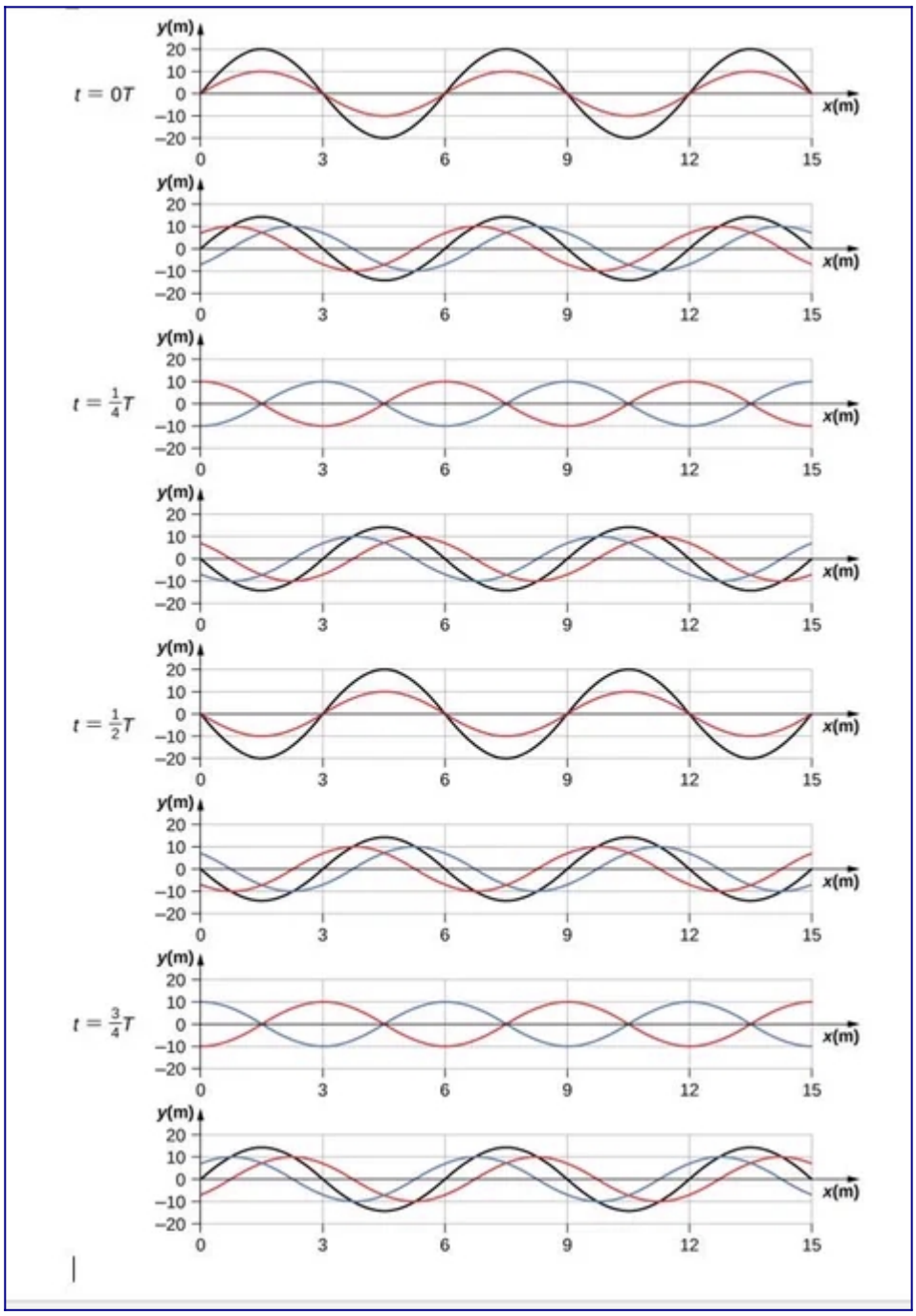
18 Sep 2024

FRACTIONAL WAVE PROPAGATION.



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18 Sep 2024
Particle in a one-dimensional lattice. en.wikipedia.org/wiki/Partic…

Particle in a one-dimensional lattice - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
17 Sep 2024
Replying to @anotherbigmike

Geometry Rule; You must be 2.5 times the diameter away from a sphere to see the Curvature of the Sphere. Otherwise you only see Boundary (Horizon).
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Sep 2024
Replying to @tvpavan
The reason arm armchair physicist falsely claim you cannot go faster than the speed of light is due to their Lack of Understanding of the Universal Cosmic Hydrogen Lattice of Continua. It is in all Astrophysics textbooks but not taught to a fully competent of understanding ....unknowingly omitted. The Hydrogen Lattice inhibits Electron Propagation due the strong Ionic Magnetostrictive Vectors, where electron movement is resisted by strong ionic fields within this Hydrogen lattice, we perceive the Constant of the speed of light's Inductive effect within this cosmic structure rather than an absolute limit.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Sep 2024
Replying to @Schrodinger_say
Non Transient Electron.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Sep 2024
Replying to @ajtourville
In a few years we will be able to utilize Bounded Plasmas at Optical Telescope of amazing quality and clarity. Technique methodology is similar to Liquid Lens technique and mercury mirror telescopes.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Sep 2024
Replying to @GovMikeDeWine @OSHP
Seems your Building a Narrative with Puzzle Piece. Puzzle Piece is an information warfare technique, called Information zum collage, is the method to place informational 'Bread Crumbs' so the subject population formulate their own adamant opinion which will align with the operational objective of the Whole Program.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
16 Sep 2024
Replying to @HajoDekhuijzen @ashtonforbes
I don't know what Aether is, I would consider the Universal Cosmic Hydrogen Lattice of Continua a close definition. I will be adding much information this semester.
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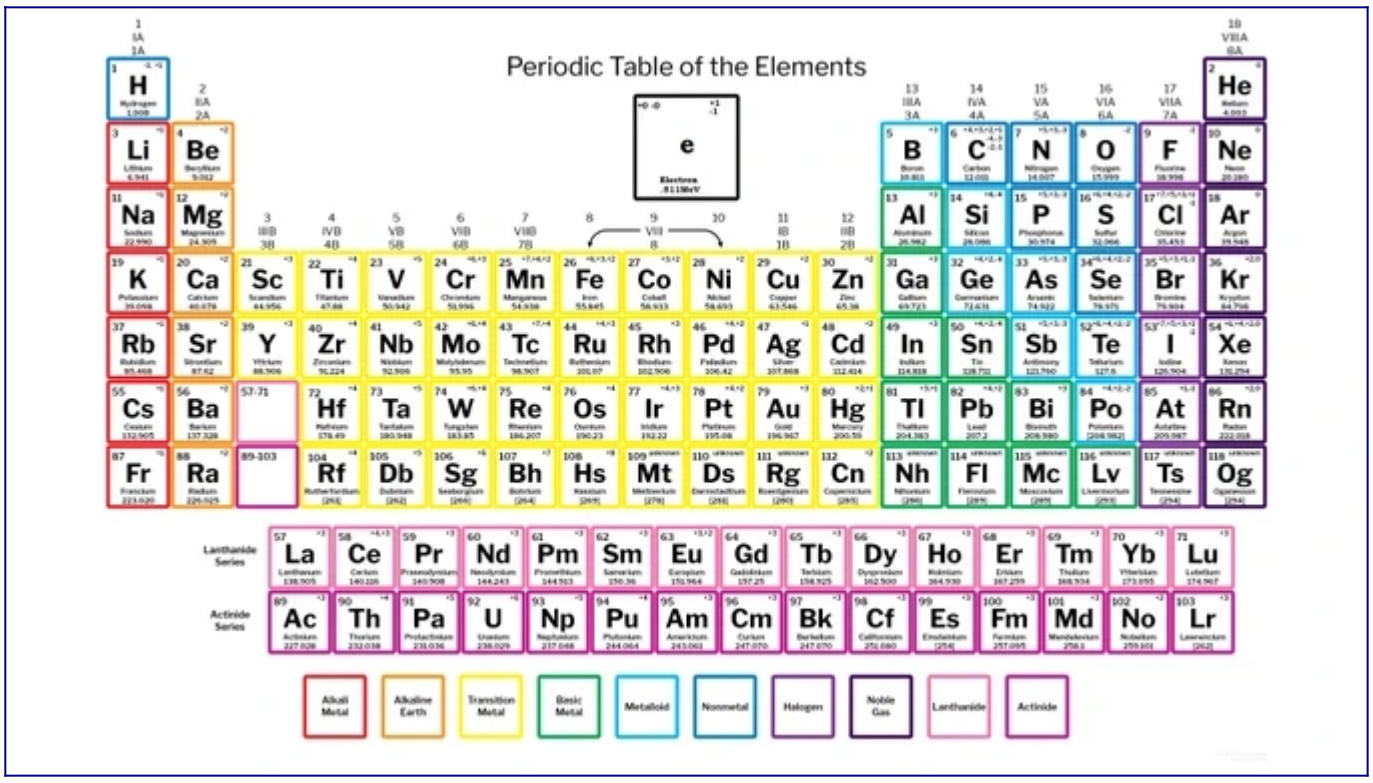
16 Sep 2024
My Periodic Table. I add Element Zero.



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15 Sep 2024
Allegedly !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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15 Sep 2024
Replying to @AtlanticThoth
The Wright Brother didn't go get a PhD to Invent their Flying Machine. They were Mechanics, mostly Bicycles and small motors. That was all the skill needed.

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15 Sep 2024
J.J. Thompson proved the Electron is the smallest atomic particle of Real Mass. All smaller Quasi-particles have Relativistic/Virtual/Effective/Ghost Mass. Quasi-particles are EDDYS of EDDYS in ELECTRON TRANSIT WAKES. Phantom EDDYS !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Sep 2024
Replying to @ChiefDinger
Fiber Optics 1840 !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Sep 2024
Replying to @ChiefDinger

A good book for study, ION, ELECTRONS and IONIZING Radiation. James Arnold Crowther Written on a 10th grade Writing standard. Covers a wide scope of detailed information. First edition 1919, still in print today. Lots of cheap copies on Ebay. archive.org/details/j-a-crow…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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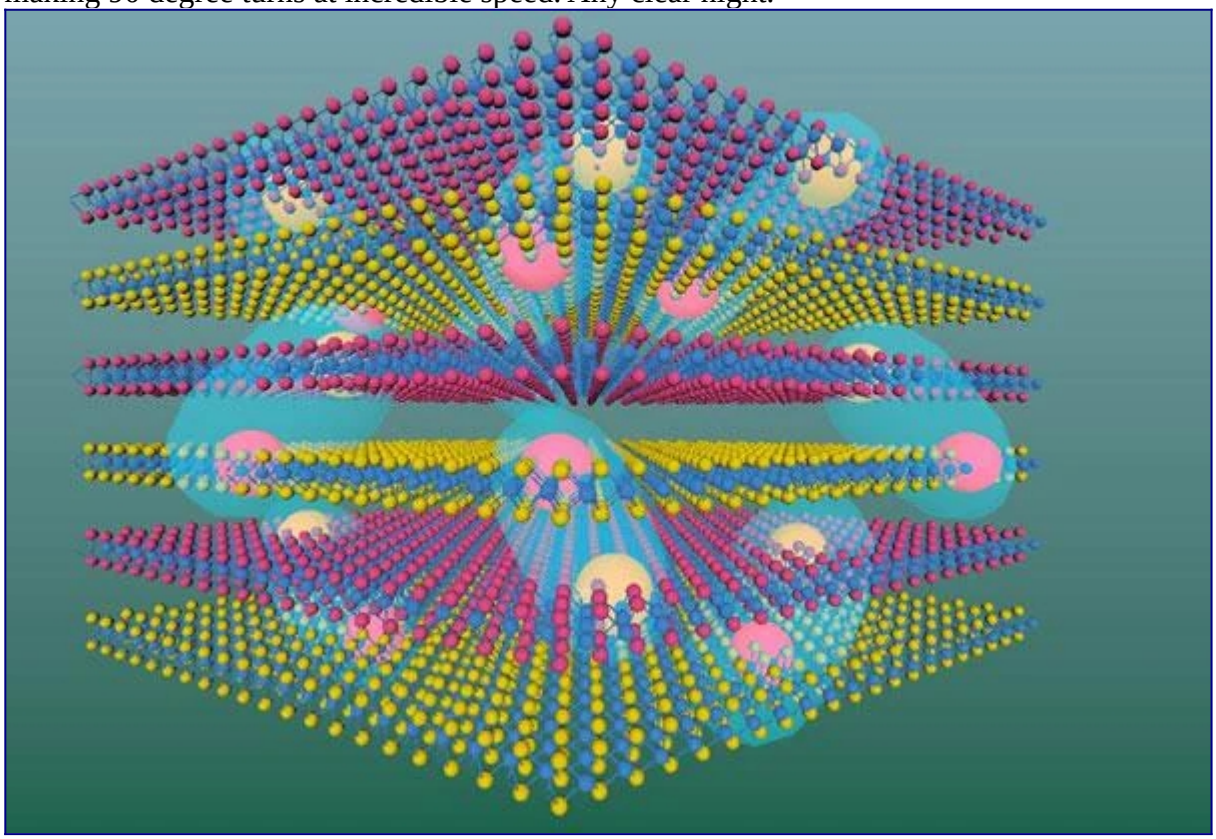
15 Sep 2024
Replying to @toobaffled
She recently told tabloids, 'Beyonce told her she was a Alien' aol.com/entertainment/beyonc…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Sep 2024
Replying to @Gandalf_ElPulpo @528vibes
Anyone can do this, Go outside and watch a clear sky all night. You will see stars in the heavens making 90 degree turns at incredible speed. Any clear night.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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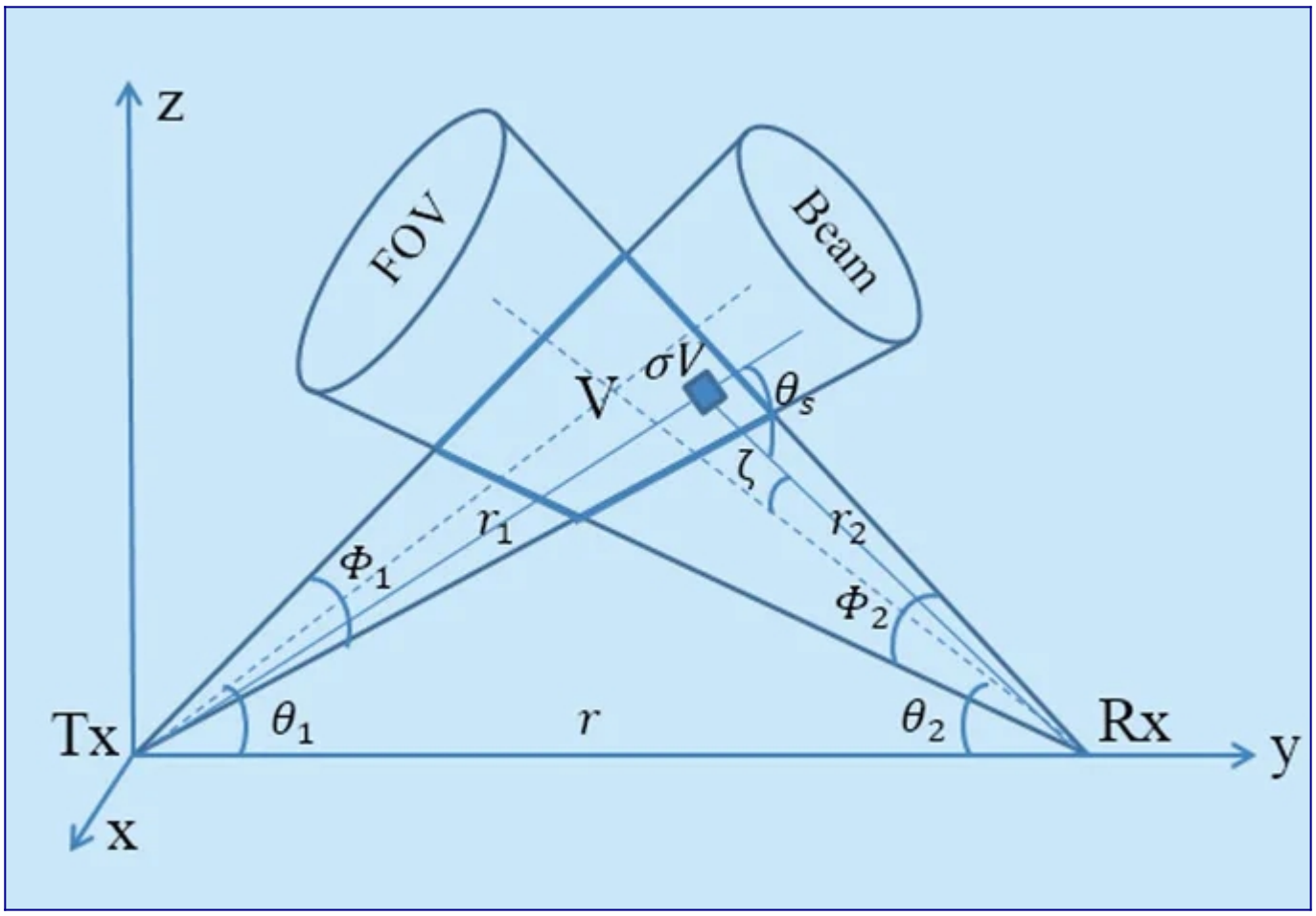
12 Sep 2024
COBLENTZ RADIO RESEARCH researchgate.net/publication…



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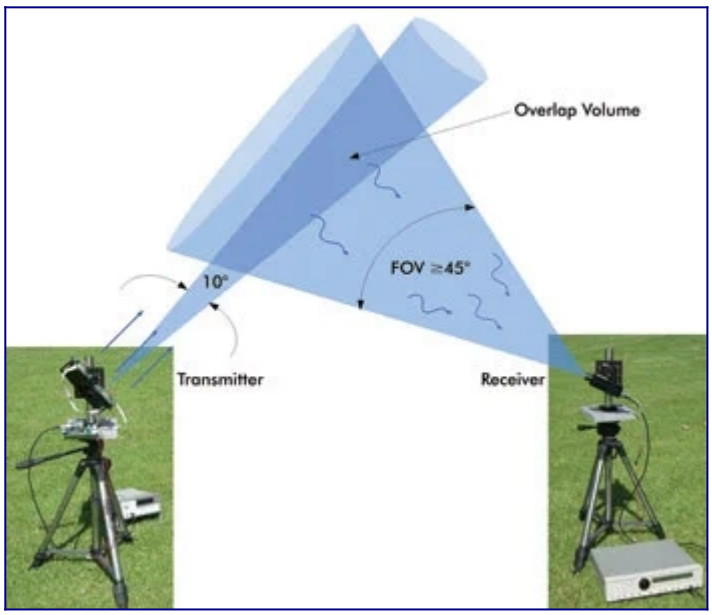
12 Sep 2024

COBLENTZ UV RADIO. Most WW2 big bombers had COBLENTZ UV Non-Line of sight Optical Radios. Transmitter consisted of Audio Modulator driving a Hand Held and hand aimed Mercury Discharge Lamp with a UV Filter on the front. Receiver consisted of a Solar Blind Photomultiplier Tube in a fish eye lens driving a Audio Modulator. This 1935 technology is being scrubbed from current Day Internet and from the Way Back Machine. There is no entry in Wikipedia, for Coblentz Radio, anymore. Anyone can talk to UAPs with UV Modulated COBLENTZ optical radios. They will hear you. Must be 264nm (+- 20nm) for pre97 models Post '97 models have Data Link Handshake on wakeup. Post 97 have Multi-Band Data links but sill have manual Modulation for line of sight emergency communications.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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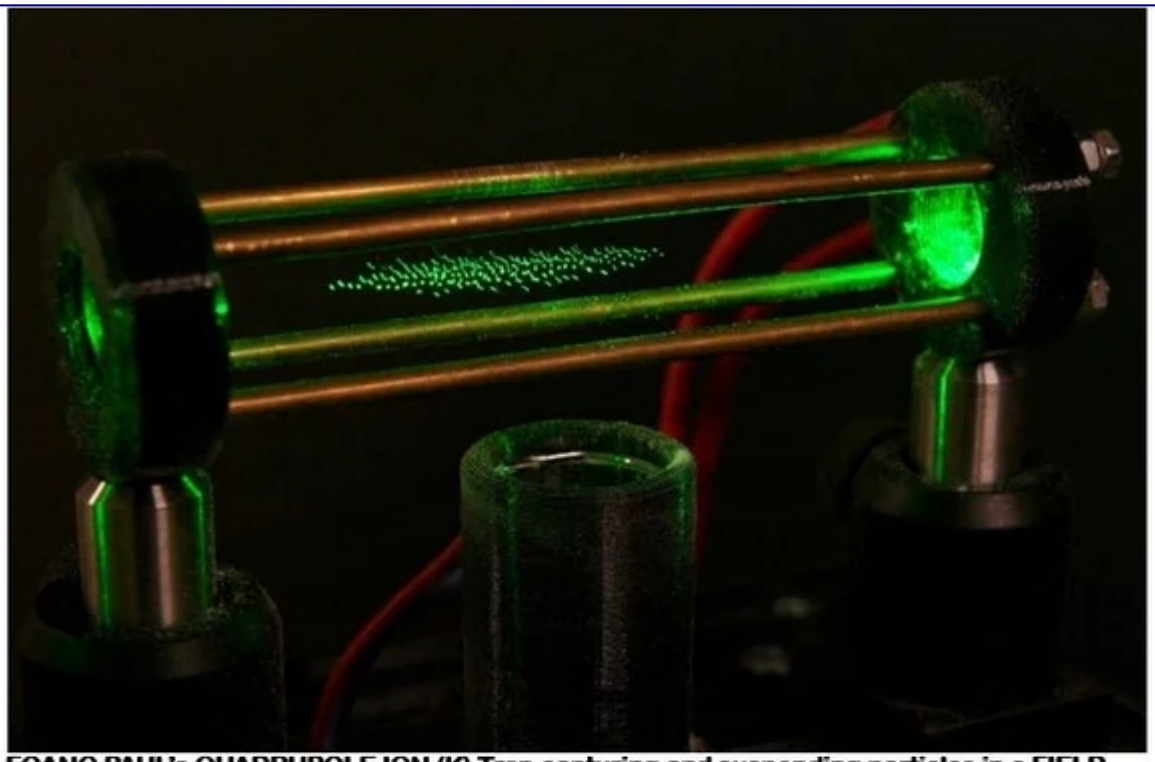
The Wolfgang Pauli Quadrupole ION Trap fills the central Kinetic Axis Void with high electron density forcing the IONs to the Middle of the Quadrupole Kinetic Axis Void. This Method Reduces the PERMITTIVITY of FREE SPACE. (by filling wave Valleys with Electrons.) A similar effect is seen in INDUCTIVE Levitation. Electrons a compressed into an hourglass shape, filling wave valleys with electrons to the point it creates a Standing Wave of Kinetic Force due to the REDUCTION of PERMITTIVITY of FREE SPACE in the surrounding adiabatic MEDIA.



WOLFGANG PAUL's QUADRUPOLE ION (K) Trap capturing and suspending particles in a FIELD.

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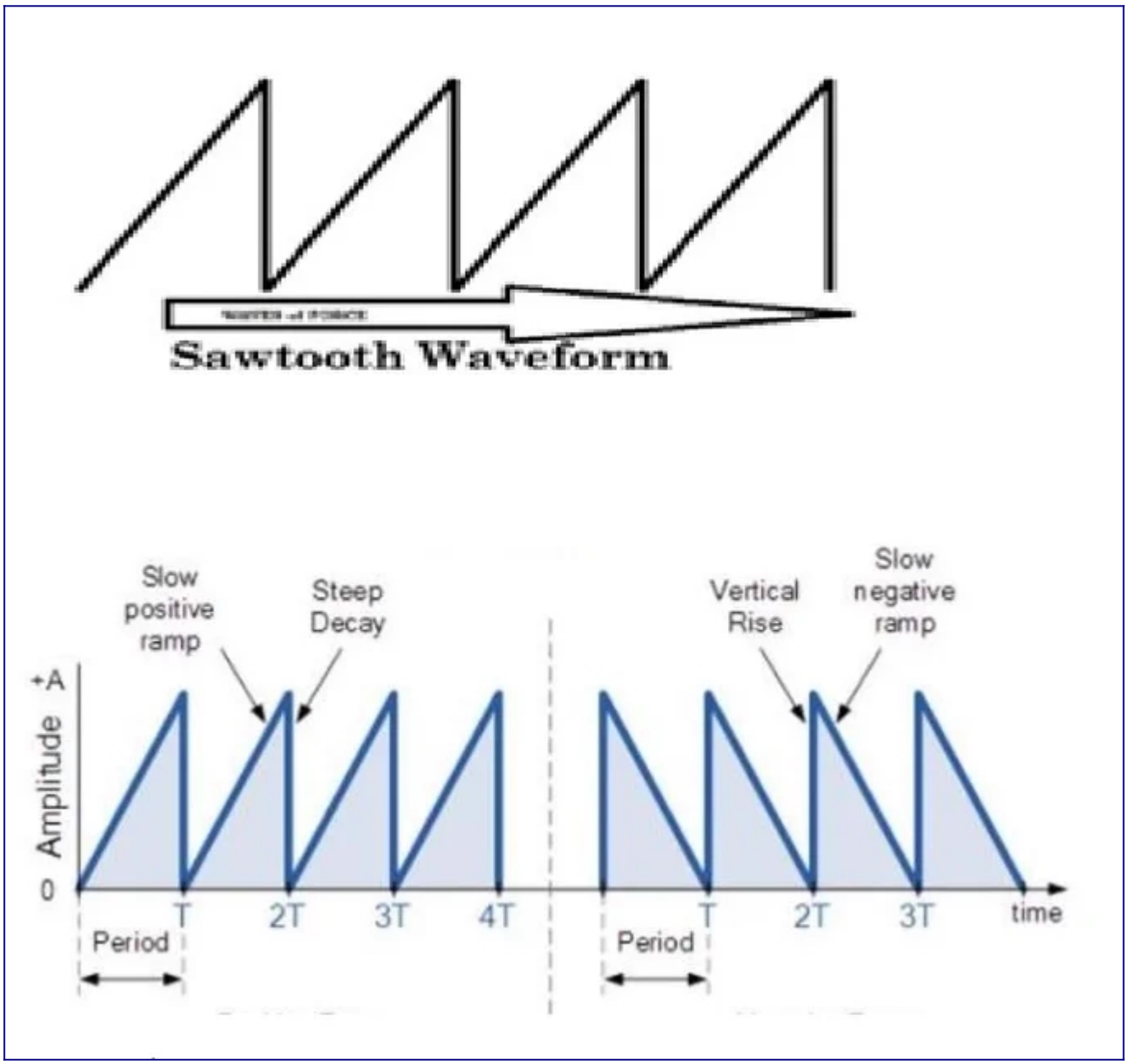
9 Sep 2024

A 1/4 Wave is a NON REVERSAL wave, where Forward Wave momentum has no dispersal. This is how nature Propagates KINETIC forces when no shock/displacement are presented. Positive SAWTOOTH MAGENTOACOUSTIC Waves are Compressive in Air Pressure (Kinetic) + Elec+Mag Planes, and Heat. Negative SAWTOOTH MAGENTOACOUSTIC Waves are Expanding in Air Pressure (Kinetic) + Elec+Mag Planes, and Cool.



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PHONON WAVES are MEGNETOACOUSTIC or MAGNETOSONIC (If your a Brit) Waves. When Velocity M<1, the Magnetoacoustic Waves (Mag wave + Polarized Kinetic Transport Wave) are on the wave front of Acoustical Kinetic Waves (Compressive K Waves only) and brake up when exceeding the speed of sound, M>1. At Propagating Velocities near M≈1 or M>1 the shock wave displaces the Electromagnetic Coupling, destroying Magnetoacoustic Plasma Wave's. Axis of Propagation. PHONIC CRYSTAL WAVE GUIDES utilize REDUCTION of PERMITTIVITY of FREE SPACE with MEMS Modulators. youtu.be/watch?v=gxfAV7W2…

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Need end Fairings to cover diaphram.

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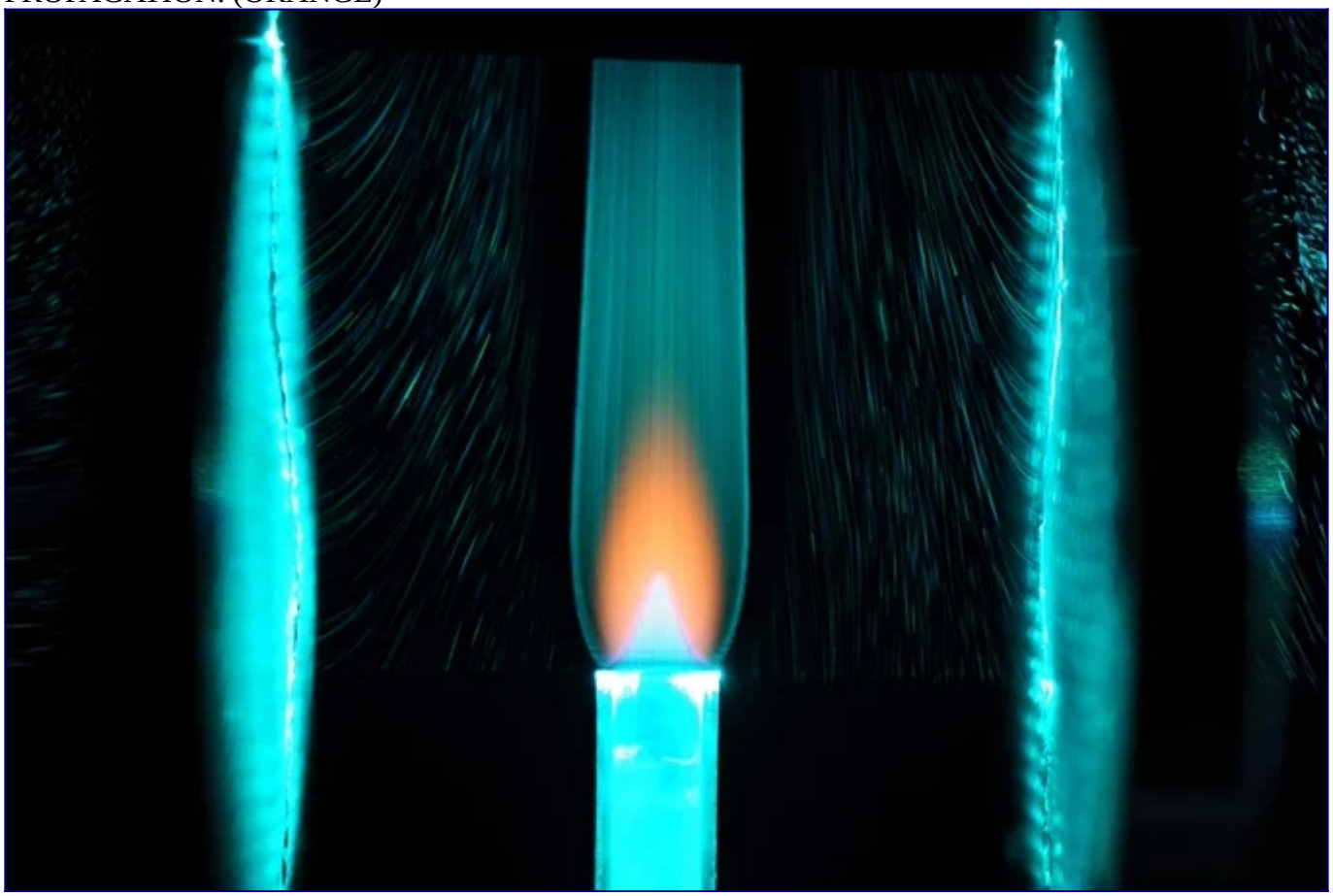
8 Sep 2024
IONs in BLUE little Policemans Holding those little fast running Criminals ELECTRONS, in ORANGE. They just stand up low transient ELECTRON WAVES along the AXIS of PROPAGATION. (ORANGE)



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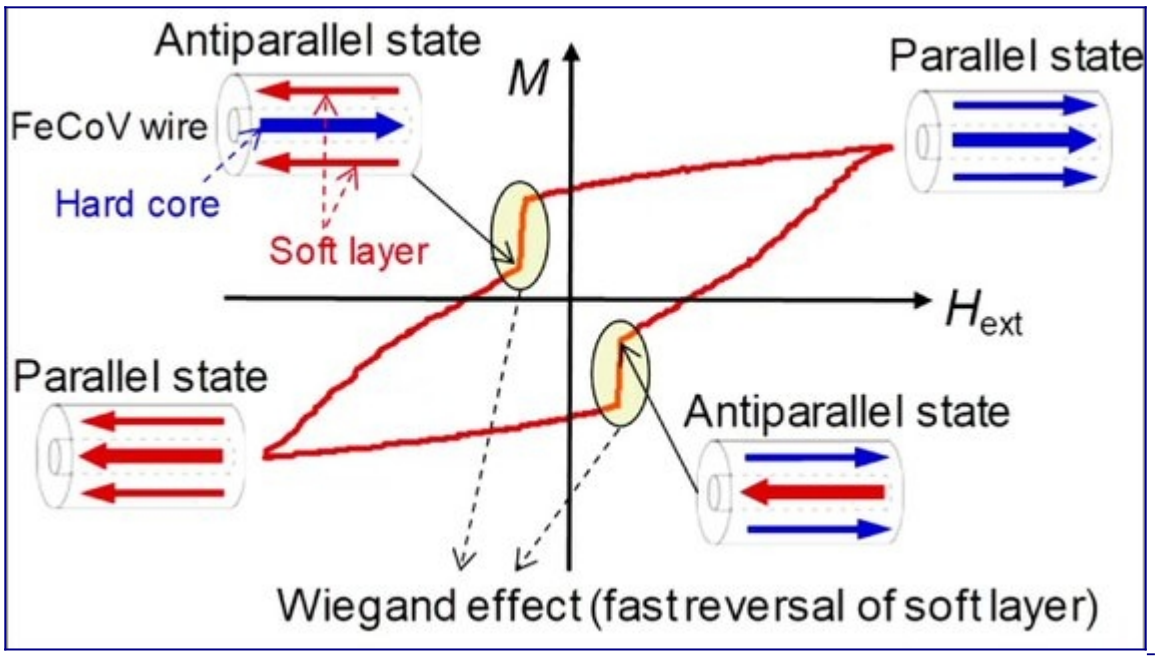
WIEGAND EFFECT NOVEL Self-Reversing of MAGNETIC POLARITY WIRE. youtu.be/watch?v=fXTNJZo4…



Free Energy Wire You Probably Never Heard Of..

A video i made late last night using copilot and text to speech generator with images from online research journals that i have been studying recently and th...

youtube.com
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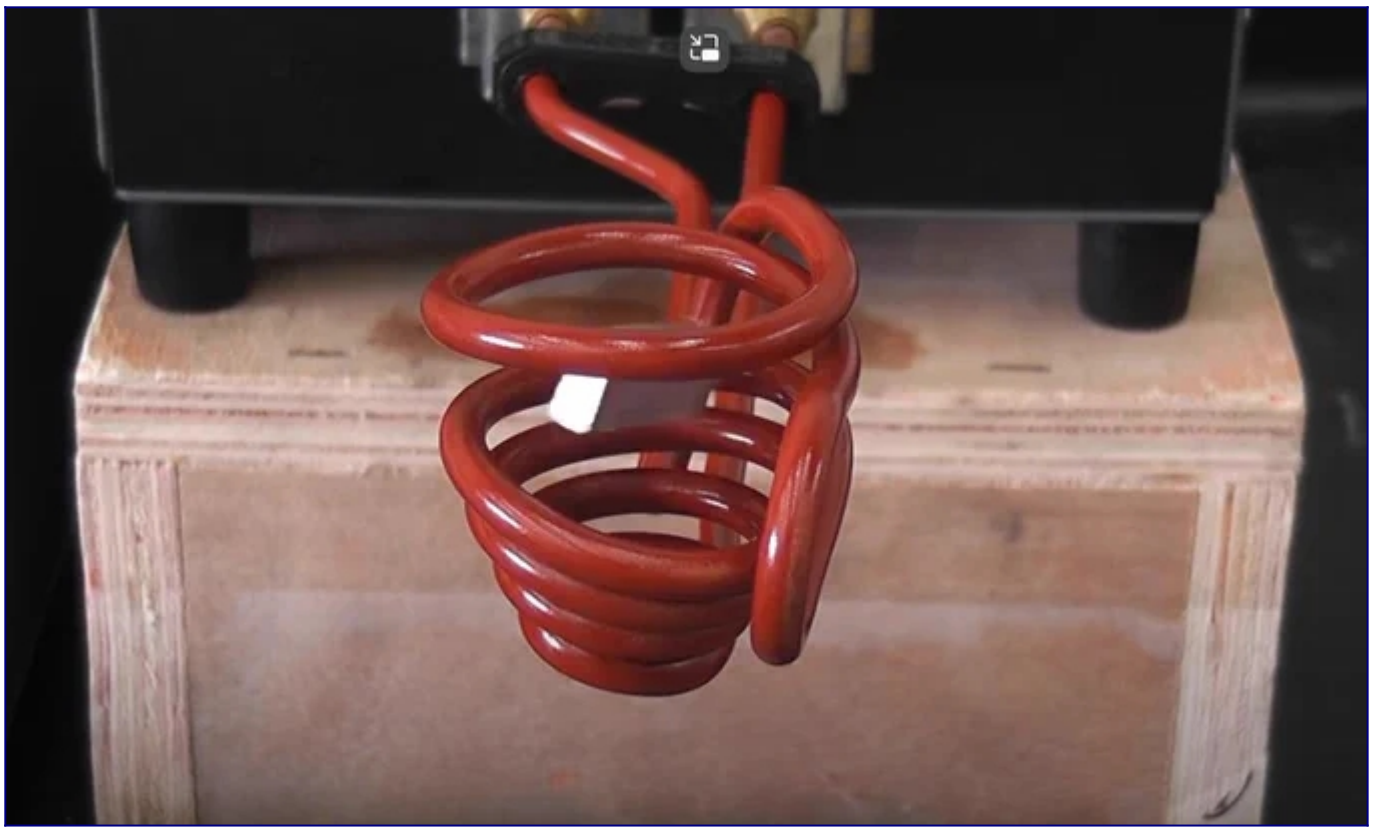
In INDUCTIVE LEVITATION, Electrons are squeezed into a hourglass shaped EIKONAL VECTOR displacing the PERMITTIVITY of FREE SPACE. SUSPENDED in a NON-TRIVIAL SUM ZERO or DIRAC Zero, non Propagating Field.



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This is similar to the Antigravity vehicle I saw, while fishing, at Lake Belton DAM, Texas in August 1991. Skin was covered in FG-4 PCB type Fiberglass. I was going to UT and a Butterbar USAF Engineer at the time. The vehicle went onto Restricted Property, owned at NASA at McGregor, Texas The Property was NASA's RP-1 Fuel production plant. Today SpaceX owns that property.

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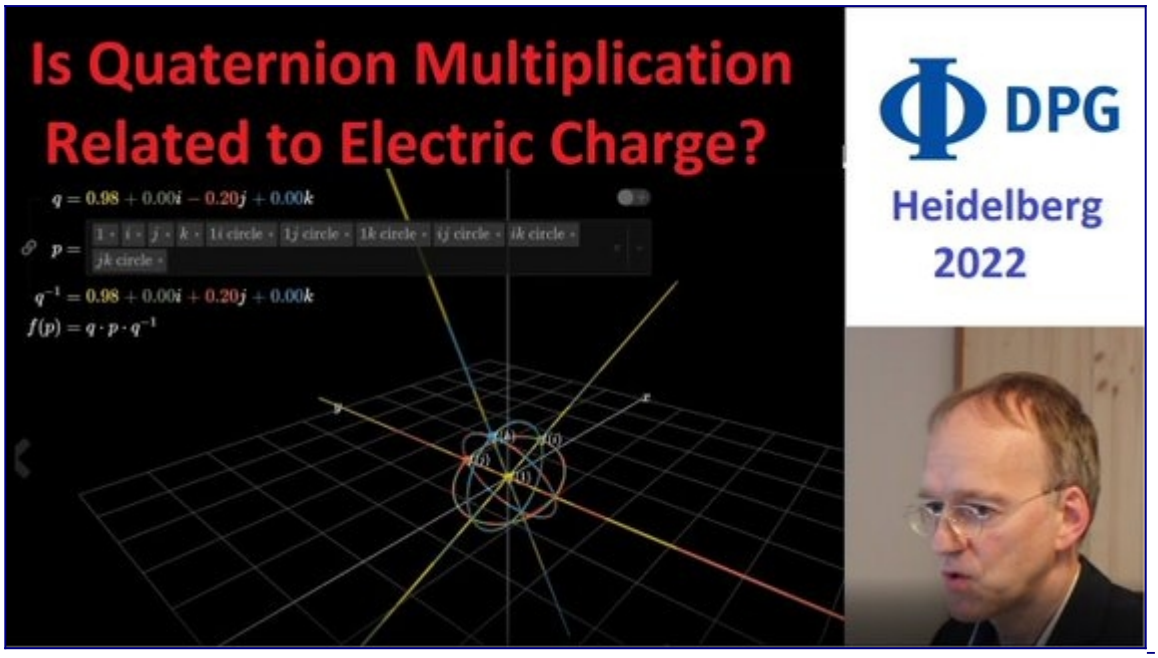
7 Sep 2024
Modeling 3 Atomic Forces. Not 4. youtu.be/watch?v=cfOqCnq4…



The Origin of Electromagnetism - an Unsolved Riddle

An approach to fundamental physics based on unit quaternions, talk given at the 2022 DPG meeting in Heidelberg.

youtube.com

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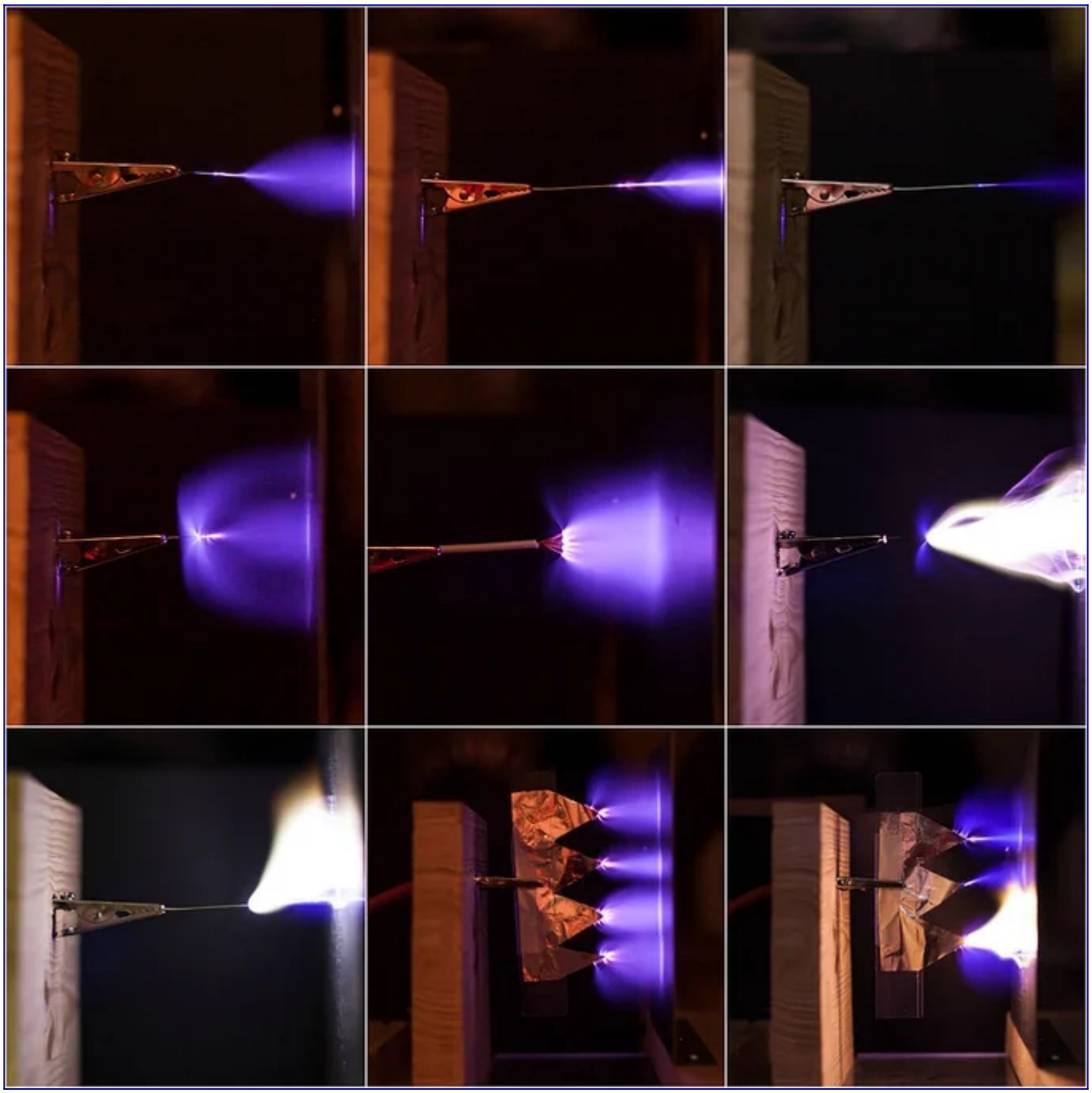
The onset of an Avalanche CORONA in Flow Cycle means your Permittivity of FREE SPACE is Increasing/expanding dimensional SPACE, Freeing up resistance to movement (K or Z Axi).



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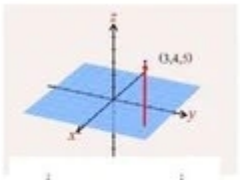
3 Atomic FORCES not 4. The K AXIS CONSERVES ENERGY by trading Heat with either LONGITUDINAL TRANSPORT or LONGITUDINAL COMPRESSION.

SECTION C LEMMA

LOCI of 3 Axial "FOCI" of FORCE MATRICES



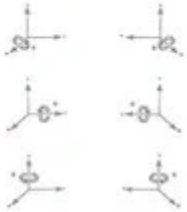
ABSTRACT REFERENCE POINT of R1 (X0,Y0,Z0) is called a LOCI. | One 'REALIZED' LOCI is called a FOCI | 3 AXI are both FOCI and LOCI.

1FOCI= Center Mass multi-FORCE-TENSOR | 1FOCI of ABSTRACT FORCE= 3 single AXI of ELECTRONIC = E, e, MAGNETIC = M, m, KINETIC = K, k

1 r3 FOCI of 3x 2D r2 SINGLE AXIAL FORCE have with Magnitude and Vector in a Native Gradient Field, FIELD TENSOR LEMMA.

ZERO STATES do not exist due to thermal agitation of the Universe in Motion. These states are referenced as the Empirical impossibilities due to ¼ wave Schrödinger/Pauli and use ± 0 to as Empirical representation to show tendency to remain in motion.

$$\begin{pmatrix}x&x&x\\x&x&x\\x&x&x\end{pmatrix}\begin{pmatrix}x&y&z\\y&x&y\\z&y&x\end{pmatrix}\begin{pmatrix}y&x&z\\x&y&x\\z&x&y\end{pmatrix}\begin{pmatrix}z&y&x\\y&z&y\\x&y&z\end{pmatrix}\begin{pmatrix}y&y&y\\y&y&y\\y&y&y\end{pmatrix}\begin{pmatrix}y&x&z\\x&z&x\\z&x&y\end{pmatrix}\begin{pmatrix}x&z&y\\z&y&z\\y&z&x\end{pmatrix}\begin{pmatrix}y&z&x\\z&x&z\\x&z&y\end{pmatrix}\begin{pmatrix}z&z&z\\z&z&z\\z&z&z\end{pmatrix}$$



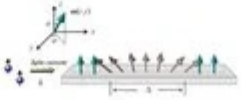
Energy HEATING/EXPANDING Dimensional states. +1

Energy STORING states (Density increase) (Conservation) (± 0) $+1t_a$

Energy CONDENSING /CONTRACTION Dimensional states. -1

REFERENTIAL SETS are fixed reference Sets of Discrete Sets.

DYNAMIC EMPIRICAL WAVE TRANSFER FUNCTION LIMIT STATES, showing TENDENCY of drift vector to stay in motion.



EXPANSION (Elastic)| CONSERVATION| CONDENSATION /CONTRACTION

$$\begin{pmatrix}+1&+1&+1\\+1&+1&+1\\+1&+1&+1\end{pmatrix}\begin{pmatrix}\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\end{pmatrix}\begin{pmatrix}-1&-1&-1\\-1&-1&-1\\-1&-1&-1\end{pmatrix} \mid \sigma xyz=\begin{pmatrix}\sigma11&\sigma12&\sigma13\\\sigma21&\sigma22&\sigma23\\\sigma31&\sigma32&\sigma33\end{pmatrix} \mid \text{EMPIRACLE TENDENCY } \iiint_{-1\,DARK}^{+1\,LUMINAL} \pm 0t$$

ANALEMMA TENSOR FORCE SCALE LIMITS, AXIAL POLARITY STATES, MOMENTUM TRANSFER and ANGULAR VECTOR of ROTATION

∞ Limit	REF FOCI +1x,y,z :	NATIVE GRADIENT FIELD around FOCI	REFERENCE FOCI-1x,y,x	∞ Limit
EXPANDING	+REFERENTIAL	LH ROTARY EXPANSION	LH ROTARY CONTRACTION	Zero State	RH ROTARY CONTRACTION	RH ROTARY EXPANSION	-REFERENTIAL	CONTRACTING

X CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

$$X=\begin{pmatrix}+1&+1&+1\\+1&+1&+1\\+1&+1&+1\end{pmatrix}\begin{pmatrix}\pm0&+1&-1\\-1&\pm0&+1\\+1&-1&\pm0\end{pmatrix}\begin{pmatrix}+1&\pm0&\pm0\\\pm0&cos\theta&-sin\theta\\\pm0&sin\theta&cos\theta\end{pmatrix}\begin{pmatrix}-1&\pm0&\pm0\\\pm0&cos\theta&-sin\theta\\\pm0&sin\theta&cos\theta\end{pmatrix}\begin{pmatrix}\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\end{pmatrix}\begin{pmatrix}-1&\pm0&\pm0\\\pm0&cos\theta&sin\theta\\\pm0&-sin\theta&cos\theta\end{pmatrix}\begin{pmatrix}+1&\pm0&\pm0\\\pm0&cos\theta&sin\theta\\\pm0&-sin\theta&cos\theta\end{pmatrix}\begin{pmatrix}+1&-1&\pm0\\-1&\pm0&+1\\\pm0&+1&-1\end{pmatrix}\begin{pmatrix}-1&-1&-1\\-1&-1&-1\\-1&-1&-1\end{pmatrix}$$

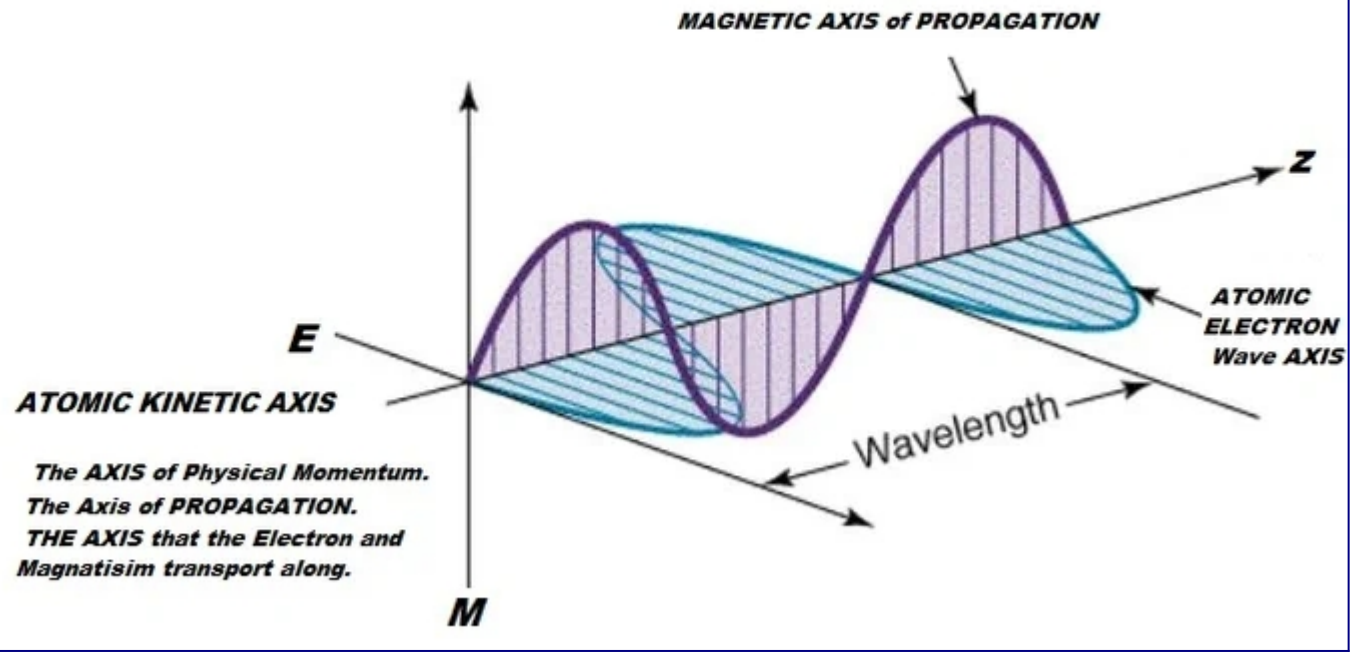
Y CONSERVATION and FORCE ANGULAR MOMENTUM TRANSFER STATES

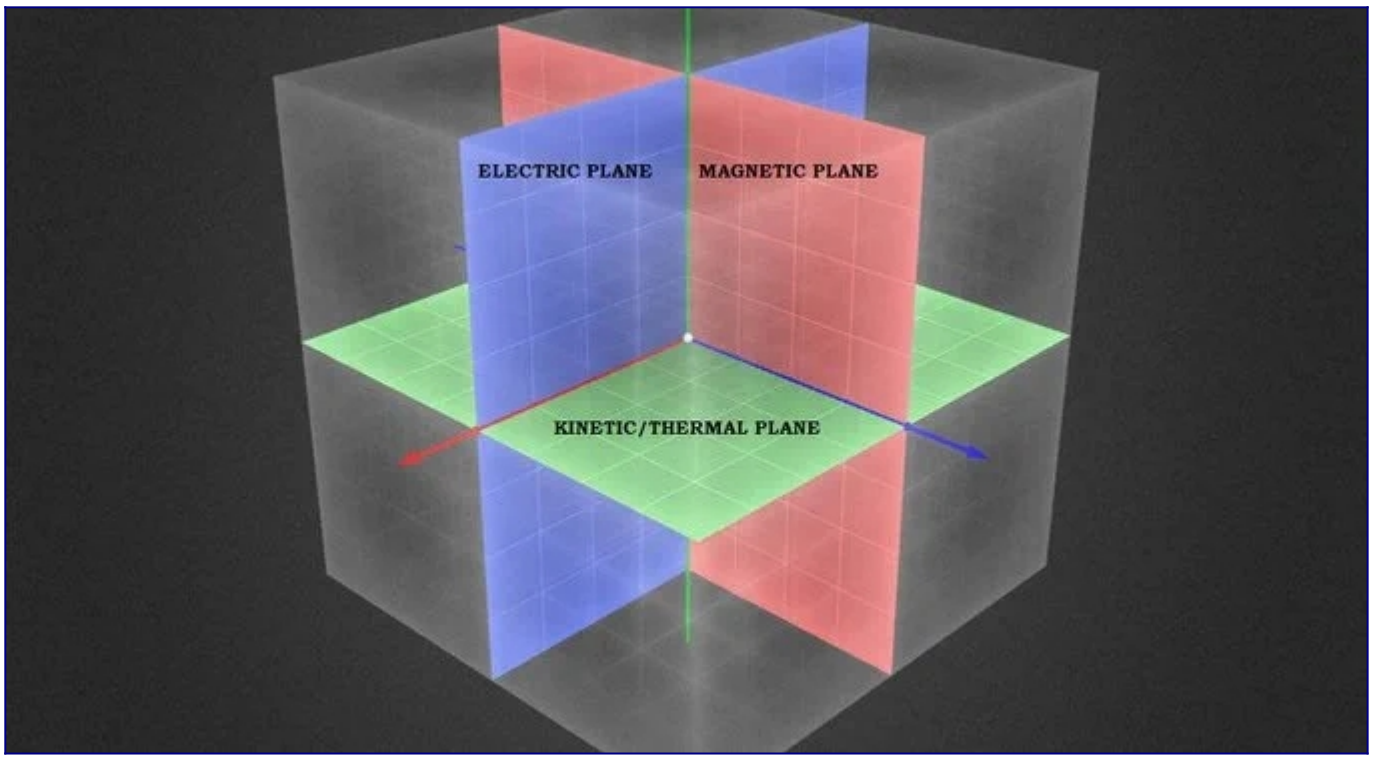
$$Y=\begin{pmatrix}+1&+1&+1\\+1&+1&+1\\+1&+1&+1\end{pmatrix}\begin{pmatrix}+1&\pm0&-1\\-1&+1&\pm0\\\pm0&-1&+1\end{pmatrix}\begin{pmatrix}cos\theta&\pm0&sin\theta\\\pm0&+1&\pm0\\-sin\theta&\pm0&cos\theta\end{pmatrix}\begin{pmatrix}cos\theta&\pm0&sin\theta\\\pm0&-1&\pm0\\-sin\theta&\pm0&cos\theta\end{pmatrix}\begin{pmatrix}\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\end{pmatrix}\begin{pmatrix}cos\theta&\pm0&-sin\theta\\\pm0&-1&\pm0\\sin\theta&\pm0&cos\theta\end{pmatrix}\begin{pmatrix}cos\theta&\pm0&-sin\theta\\\pm0&+1&\pm0\\sin\theta&\pm0&cos\theta\end{pmatrix}\begin{pmatrix}-1&\pm0&+1\\\pm0&+1&-1\\\pm0&+1&\pm0\end{pmatrix}\begin{pmatrix}-1&-1&-1\\-1&-1&-1\\-1&-1&-1\end{pmatrix}$$

Z CONSERVATION, LIMITS and FORCE ANGULAR TRANSFER STATES

$$Z=\begin{pmatrix}+1&+1&+1\\+1&+1&+1\\+1&+1&+1\end{pmatrix}\begin{pmatrix}-1&\pm0&+1\\+1&-1&\pm0\\\pm0&+1&-1\end{pmatrix}\begin{pmatrix}cos\theta&-sin\theta&\pm0\\sin\theta&cos\theta&\pm0\\\pm0&\pm0&+1\end{pmatrix}\begin{pmatrix}cos\theta&-sin\theta&\pm1\\sin\theta&cos\theta&\pm0\\\pm0&\pm0&-1\end{pmatrix}\begin{pmatrix}\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\\\pm0&\pm0&\pm0\end{pmatrix}\begin{pmatrix}cos\theta&sin\theta&\pm0\\-sin\theta&cos\theta&\pm0\\\pm0&\pm0&-1\end{pmatrix}\begin{pmatrix}cos\theta&-sin\theta&\pm0\\-sin\theta&cos\theta&\pm0\\\pm0&\pm0&+1\end{pmatrix}\begin{pmatrix}+1&\pm0&-1\\\pm0&-1&+1\\-1&+1&\pm0\end{pmatrix}\begin{pmatrix}-1&-1&-1\\-1&-1&-1\\-1&-1&-1\end{pmatrix}$$

RIGHT HAND RULE for 3 ATOMIC FORCES





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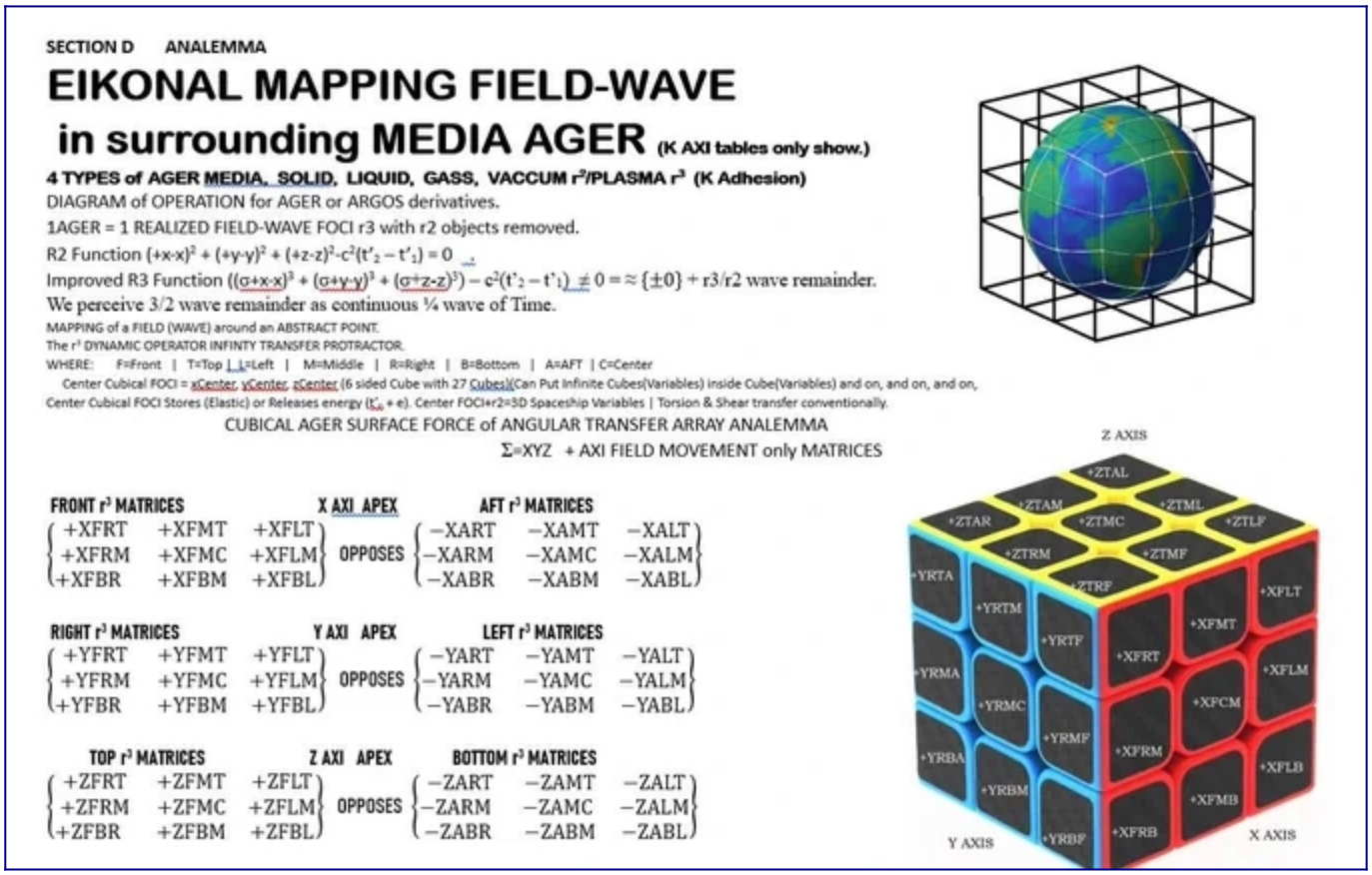
7 Sep 2024

MAPPING GRADIENT FIELD of PERMITTIVITY of FREE SPACE.



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REDUCTION of PERMITTIVITY of FREE SPACE NULLS GRAVITATION.

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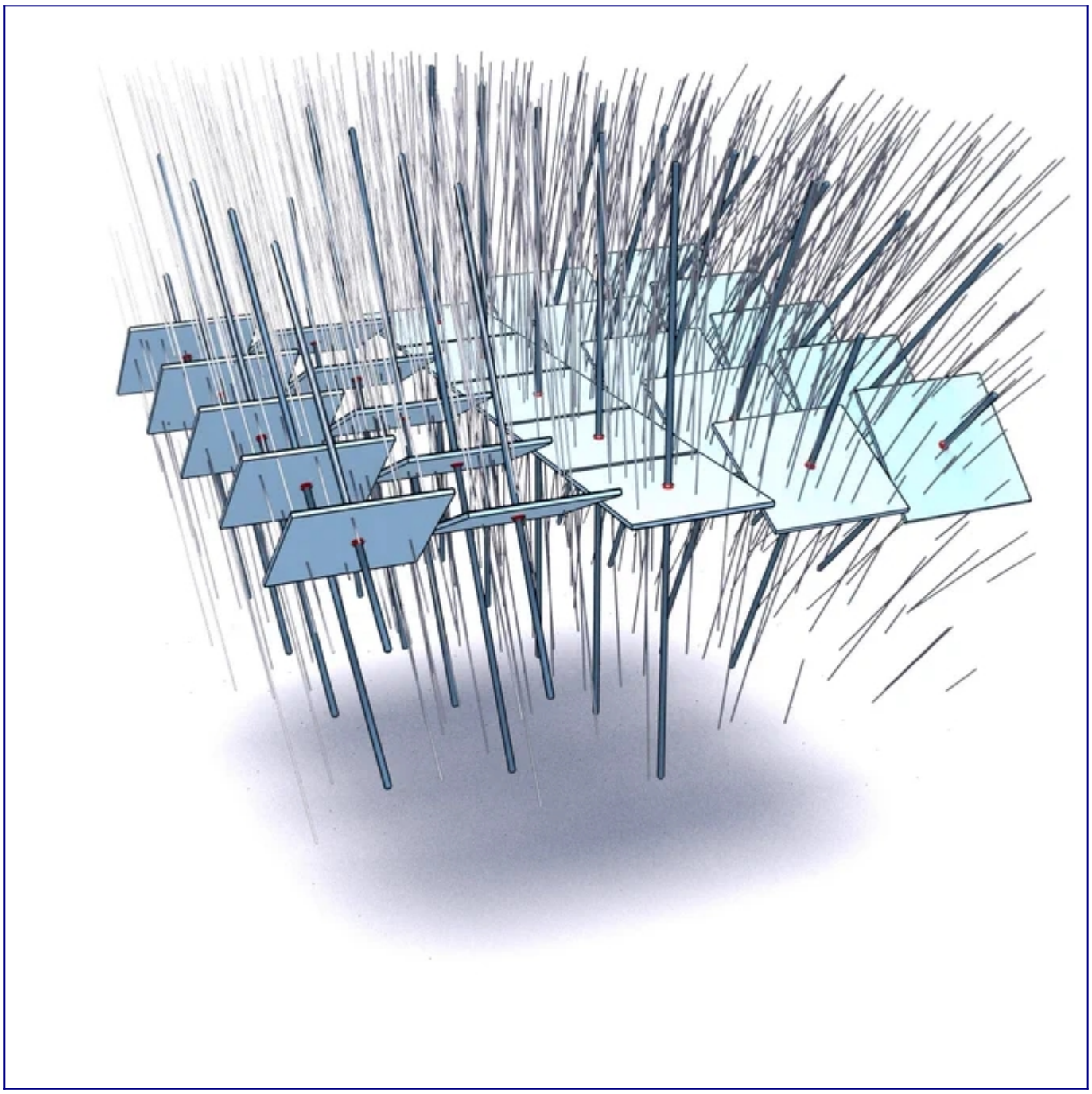
5 Sep 2024

ENERGY is Either EXPANDING (FISSION) or CONTRACTING (FUSION) Energy does not IDLE, there is no "STATIC" in between EXPANSION and CONTRACTION. There are stretched EIKONAL Force Vectors between the 2 Forces.



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4 Sep 2024
Replying to @ChiefDinger
COMPUTATIONAL FLUID DYNAMICS is a ticket.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Sep 2024
By reducing the PERMITTIVITY of FREE SPACE, PHYSICAL SPACE becomes HARD with a 2 DIMENSIONAL Physical/Kinetic GRADIENT of Pressure. The 2D GRADIENT of PRESSURE phenomena is not found in Nature on large r3 MACROSCALE. By manipulation of Extreme Dense Ion Seed Gas, Propane, You can extend the SHEETING PHENOMENA of the ELECTRONS to create a Impenetrable Magnetic Barrier Envelope to Corral your slow Fat American-like IONs, that

tote around those 128oz ION-Electron Mix Flavored BigGulps. The ANTIGRAVITY PHYSICS I describe are pulled form Experience and several fields of study. The FREE SPACE PERMITTIVITY REDUCTION methods I describe here are not found in PATENTS or TEXTBOOKS. They are OPENSOURCE right here. NO SECRETS. I started 40 years ago writing my own Family Physics Textbook to pass on to my Grandchildren. I will share the best stuff in these Post such as , FORCE FIELDS, Lightsaber-Like devices.

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3 Sep 2024
Reducing Permittivity of FREE SPACE is the ANTIGRAVITY Big Secret!!!

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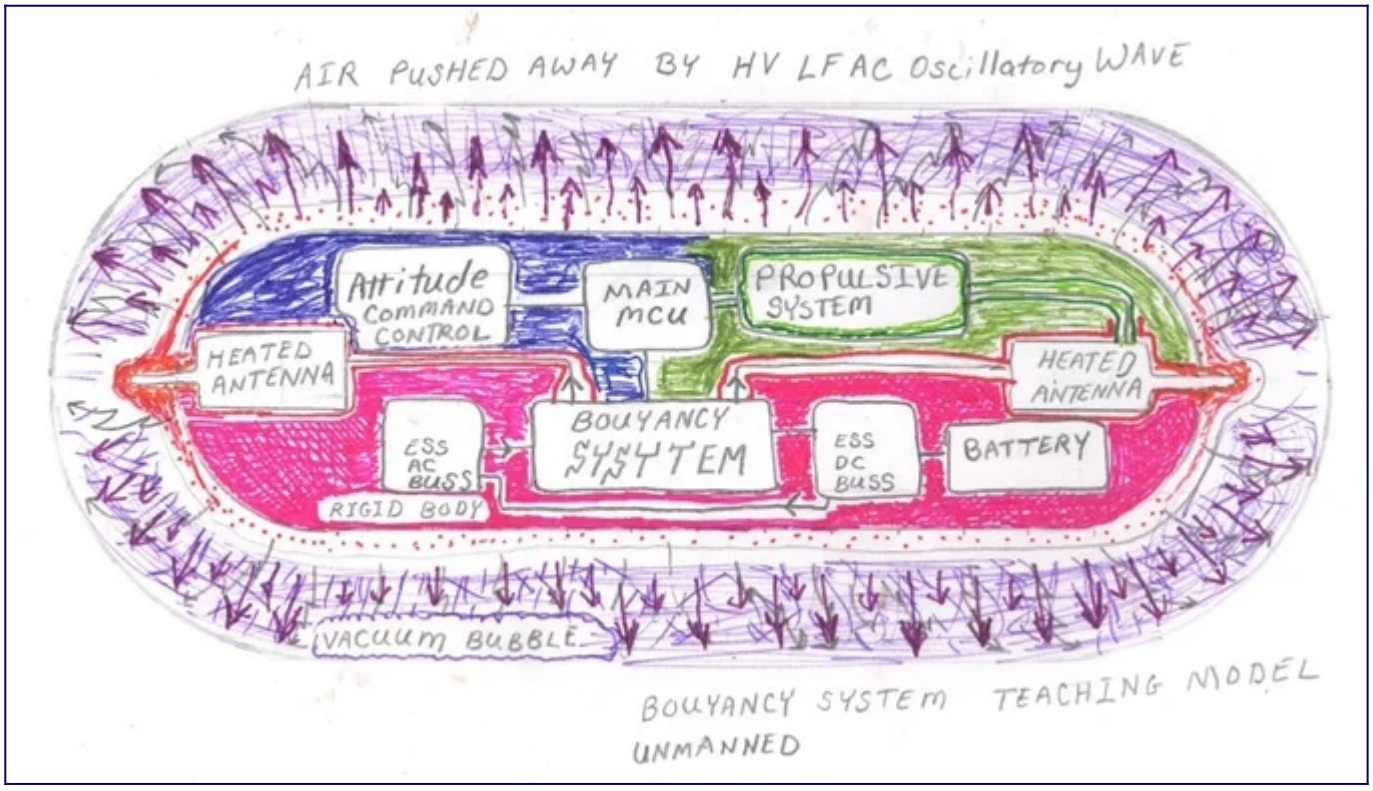
3 Sep 2024



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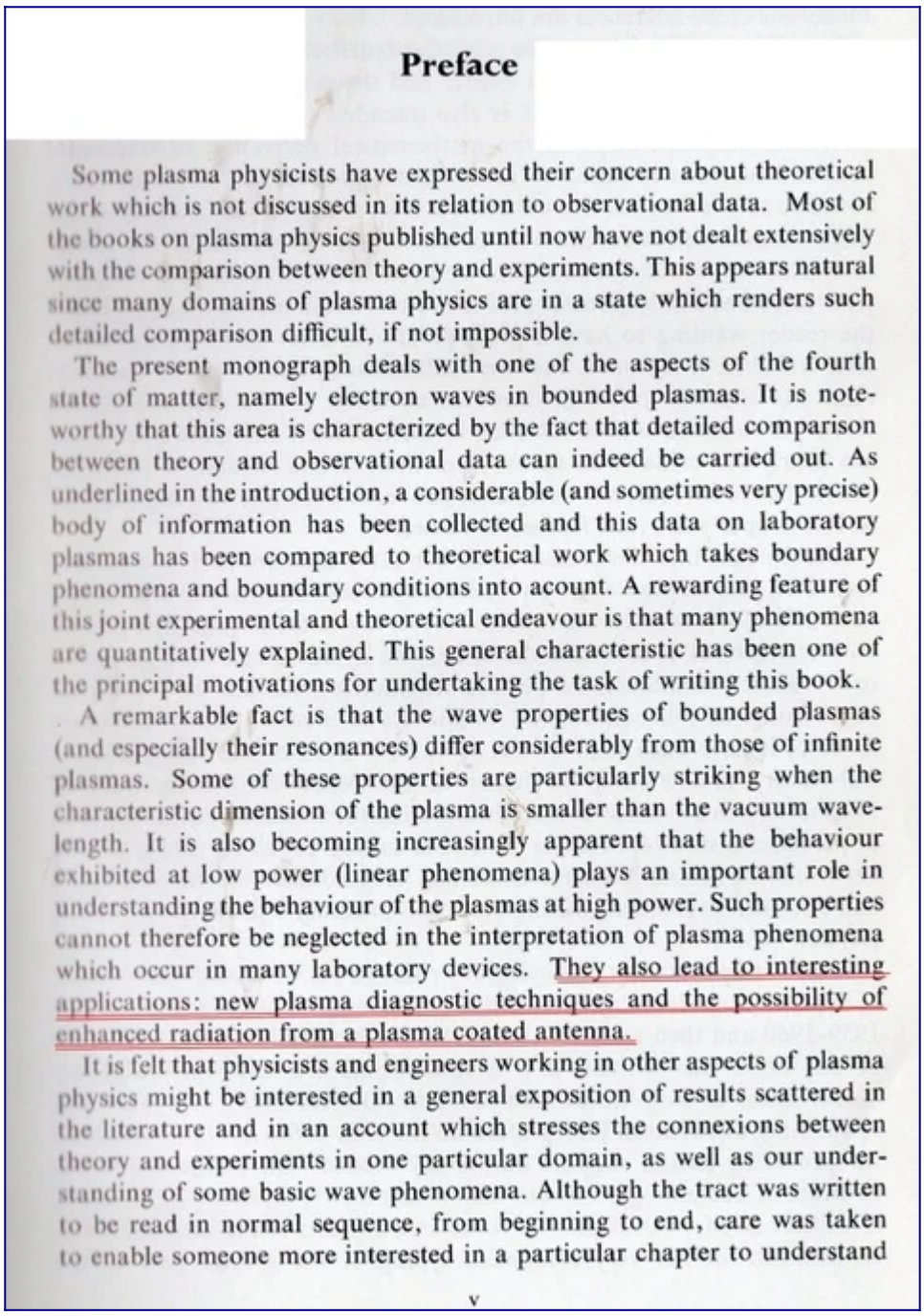
2 Sep 2024
Antigravity Vehicles use Incandescently Heated, Thorium + multi-metal Oxide Coated geometrically shaped Antennas that emit Hot 'Diaphragm Modulated' Seed Gas, usually Propane, to increase Ionization density in the interior Soliton Alfven Wave Envelope.



Preface

Some plasma physicists have expressed their concern about theoretical work which is not discussed in its relation to observational data. Most of the books on plasma physics published until now have not dealt extensively with the comparison between theory and experiments. This appears natural since many domains of plasma physics are in a state which renders such detailed comparison difficult, if not impossible.

The present monograph deals with one of the aspects of the fourth state of matter, namely electron waves in bounded plasmas. It is noteworthy that this area is characterized by the fact that detailed comparison between theory and observational data can indeed be carried out. As underlined in the introduction, a considerable (and sometimes very precise) body of information has been collected and this data on laboratory plasmas has been compared to theoretical work which takes boundary phenomena and boundary conditions into acount. A rewarding feature of this joint experimental and theoretical endeavour is that many phenomena are quantitatively explained. This general characteristic has been one of the principal motivations for undertaking the task of writing this book.

A remarkable fact is that the wave properties of bounded plasmas (and especially their resonances) differ considerably from those of infinite plasmas. Some of these properties are particularly striking when the characteristic dimension of the plasma is smaller than the vacuum wavelength. It is also becoming increasingly apparent that the behaviour exhibited at low power (linear phenomena) plays an important role in understanding the behaviour of the plasmas at high power. Such properties cannot therefore be neglected in the interpretation of plasma phenomena which occur in many laboratory devices. They also lead to interesting applications: new plasma diagnostic techniques and the possibility of enhanced radiation from a plasma coated antenna.

It is felt that physicists and engineers working in other aspects of plasma physics might be interested in a general exposition of results scattered in the literature and in an account which stresses the connexions between theory and experiments in one particular domain, as well as our understanding of some basic wave phenomena. Although the tract was written to be read in normal sequence, from beginning to end, care was taken to enable someone more interested in a particular chapter to understand

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2 Sep 2024
Replying to @AtlanticThoth
LONGITUDINAL waves, are compressive and a PHYSICAL KINETIC PRESSURE WAVES of FORCE.
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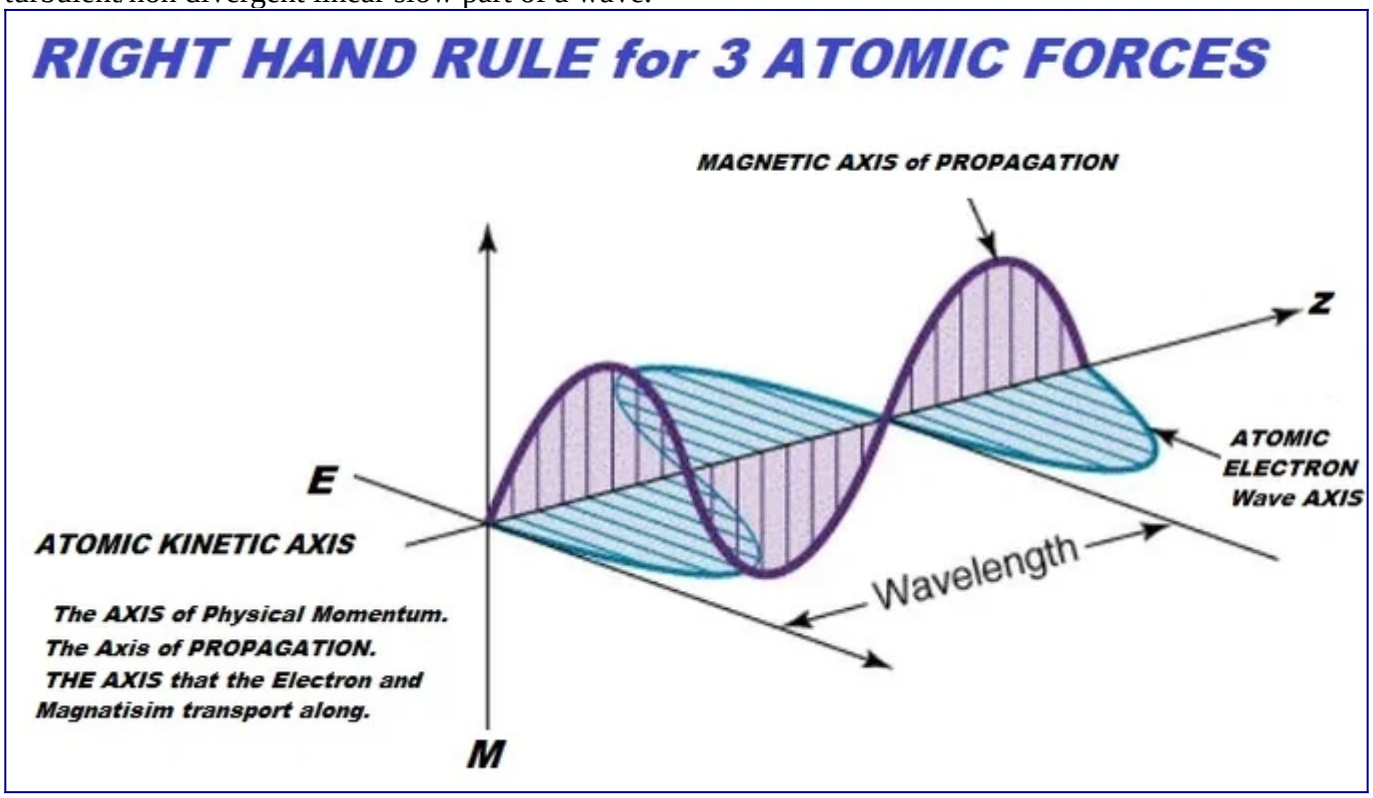
1 Sep 2024
3 Forces of Nature. There are only 3. the ELECTRON AXIAL FORCE, the MAGNETIC AXIAL FORCE and the KINETIC AXIAL FORCE. The Kinetic Velocity goes from cold to hot following a

Logarithmic Acceleration of Velocity. AXIS of PROPAGATING WAVES is the single, non-turbulent/non divergent linear slow part of a wave.



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1 Sep 2024
Axial Constraint: Each force is constrained to act only along one of three axes within the Cartesian System (x, y, z). Electronic Force (E): Acts along the x-axis, representing electric fields or charges. Magnetic Force (M): Acts along the y-axis, representing magnetic fields. Kinetic Force (K): Acts along the z-axis, representing the kinetic movement associated with heat or thermal energy. There are 3 Shear Barriers in VELOCITY of PROPAGATION in 3 Axial Atomic Forces. When a Propagating wave exceeds the sound of sound (Corrected) it causes a Shear to Occur in the EMK central force juncture. Ions are slow and cause this Octive of Shear. The Next Shear wall to wave propagation is at the speed of light. The Speed of light is just the maximum propagation Velocity being resisted by the universal Cosmic Hydrogen continuations lattice of the Microverse.

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31 Aug 2024
In ELECTROMAGNETICS the Z AXIS is the KINETIC AXIS. It is the AXIS of MOVEMENT or HEAT TRANSFER (in Transitive). The KINETIC AXIS can be bunched by constraint till the Volume of Energy is released into Wave Packets. This is the same for the E or M Axis. The KINETIC AXIS is 90 degrees from the ELECTRIC AXIS and 90 degrees from the Magnetic Axis. It is the AXIS of PERTURBATION/PROPAGATION. Z PINCH constricts the K AXIS.
en.wikipedia.org/wiki/Z-pinc…
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30 Aug 2024
Blowing up Balloons of PLASMA VACUUM to float your spacecraft in. Don't POP your PLASMA BALLOON. en.wikipedia.org/wiki/Balloo…

Ballooning instability - Wikipedia

en.wikipedia.org
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De HAAS Van ALPHEN EFFECT en.wikipedia.org/wiki/De_Haa…

De Haas–Van Alphen effect - Wikipedia

en.wikipedia.org
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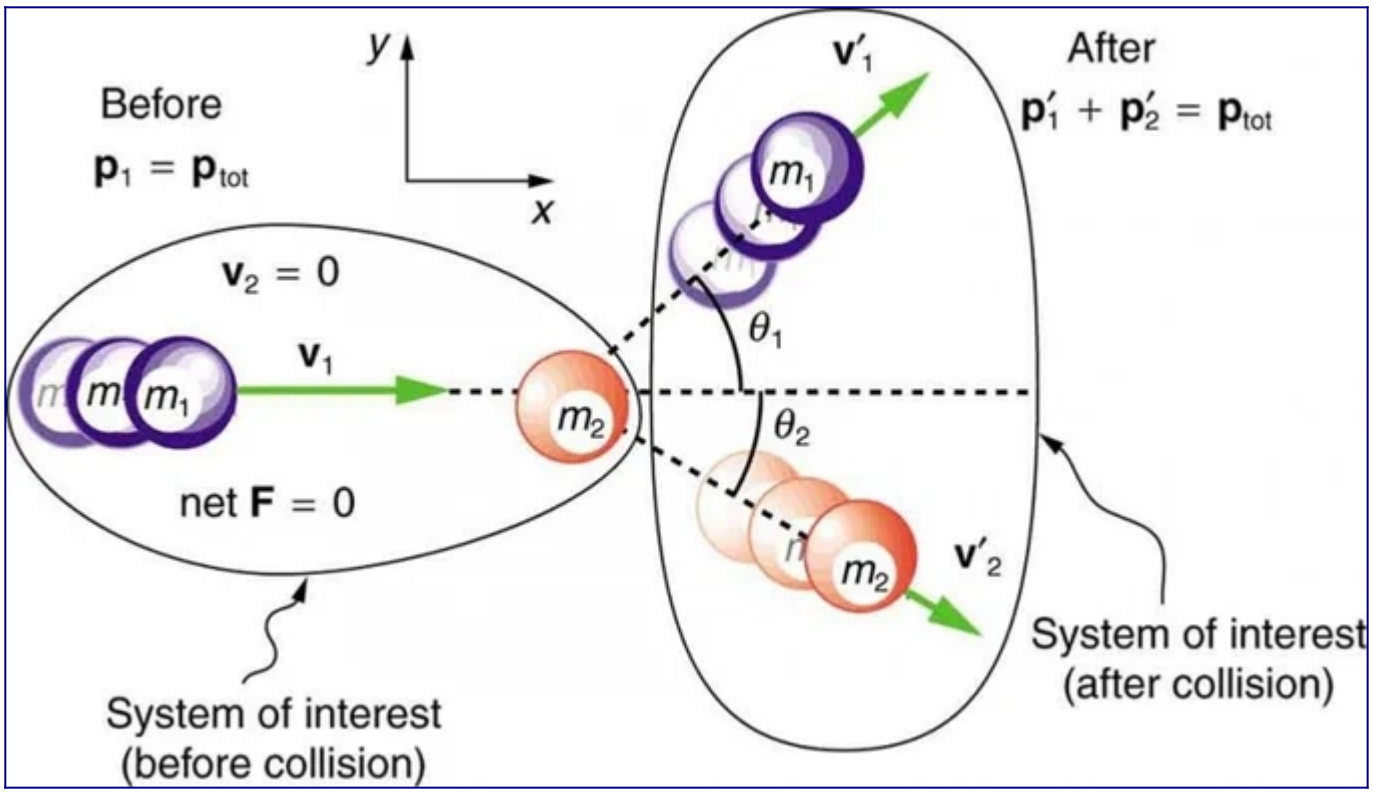
29 Aug 2024
ANTIGRAVITATIONAL SPACECRAFT use conventional techniques and materials to generate a LOCALITY FIELD of GRAVITATIONAL DISPLACEMENT by an exploitable method for the REDUCTION of the SURROUNDING MEDIA's ADIABATIC PERMITTIVITY of FREE SPACE. Antigravity Spacecraft use simple methods to KINETICALLY oppose a Statistically DENSE FIELD of COLD SLOW IONs and ELECTRONs. Antigravity Spacecraft float in planetary gravitational fields by their own self-generated Plasma Gas BUBBLE, that is adhesively around, Conformally shaped, magnetically held and statistically spin aligned IONs and ELECTRON to the vehicle's Fuselage Surface. Low Frequency Longitudinal MAGNETOACOUSTIC Kinetic WAVES can be modulated in a 'Laminar Flow Slow-Bounce' off the spacecrafts FUSELAGE surface plane, creating displacement in the SPACECRAFT's LOCALIZED PLASMA DOMAIN. You float like a burning ember with little heat loss due to locality of the constraining Magnetic Sheath of PLASMA. Statistical Effective Mass can be created with by "FORCED statistical Nuclear ION to K-Shell STRUCTURAL POLAR SPIN ALINGMENT". Simple methods are utilized to form CONSTRAINED propagation velocity of STANDING KINETIC Waves, restricted to 2 Dimensional degrees of freedom, from the Spacecraft Fuselage Skin down to the ELECTRON-ELECTRON SPACING(magnitude) and dimensional distribution(Volumetric displaceable Density) Command. The Spacecraft BUOYANCY SYSTEM's wave generating Methods, use simple techniques in the generation of MAGNETOACOUSTIC CONSTRAINING PLASMA ION WAVES in a Compressible manner of External Combustion to generate Hot Ionization. FULLY COUPLED ION-ELECTRON KINETIC WAVES will STATISTICALLY COUPLE K rigidly down to the ELECTRON, like a POGO stick. There are 3 FORCES of Nature (1) ELECTRON FORCE (2) MAGNETIC FORCE (3) KINETIC FORCE. The 3 forces are all JOINED at the HIP 90 degrees AXIALLY fixed by nature. I define a ION as a MOLECULE that has gotten so hot it is breaking up but does not have enough heat damage to burn up all bond surfaces. So, an ION is still very magnetically sticky to anything it get close to it dimensionally. ION really like IONS of the same kind and ION of the same temperature.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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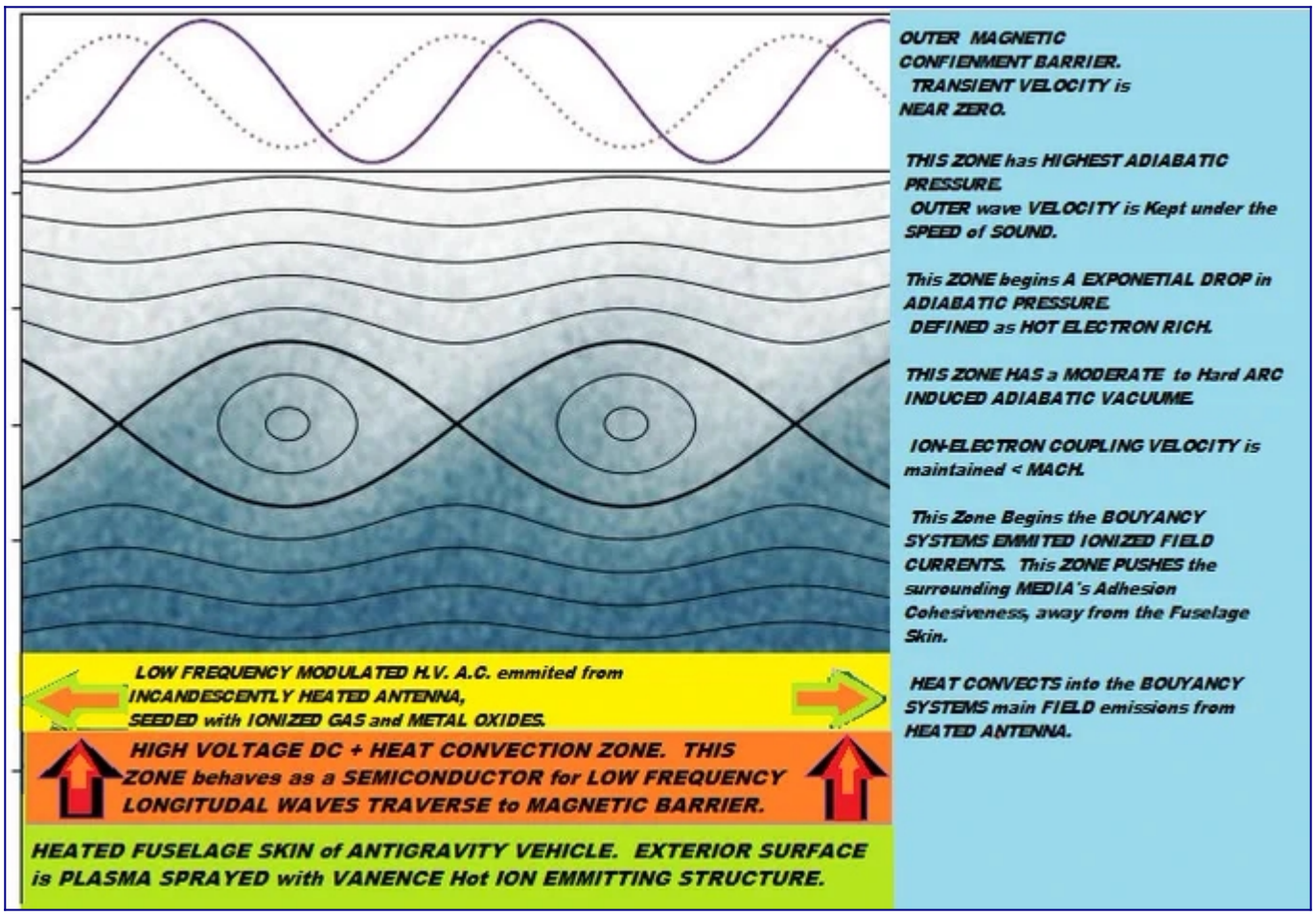
26 Aug 2024
ANTIGRAVITY VEHICLE BUOYANCY SYSTEM ADIABATIC ZONES. Within ALFVEN MAGNETIC SOLITON ENVELOPE

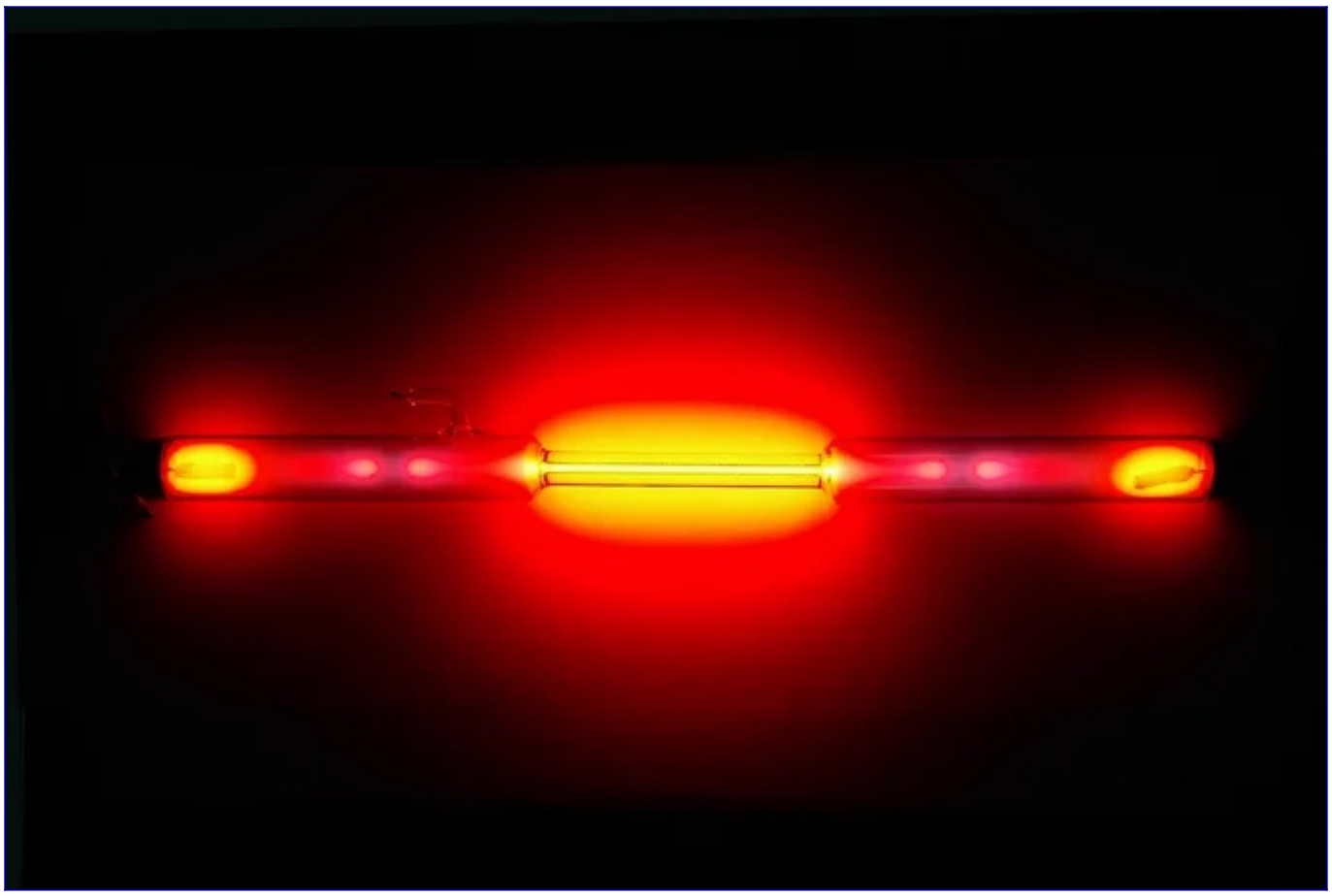


ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS

21 Aug 2024

Did you know.. That you can go into the vacuum of outer space, run a special IONIC Diffusion Compressor that Pull/Compresses ultra rarefied adiabatic gasses and Fill a Bottle with pressure of the gases in SPACE ? They are Primarily Hydrogen, All NOBEL GASSES, CARBON and Oxygen of various Oxide States. IONIZED NEON.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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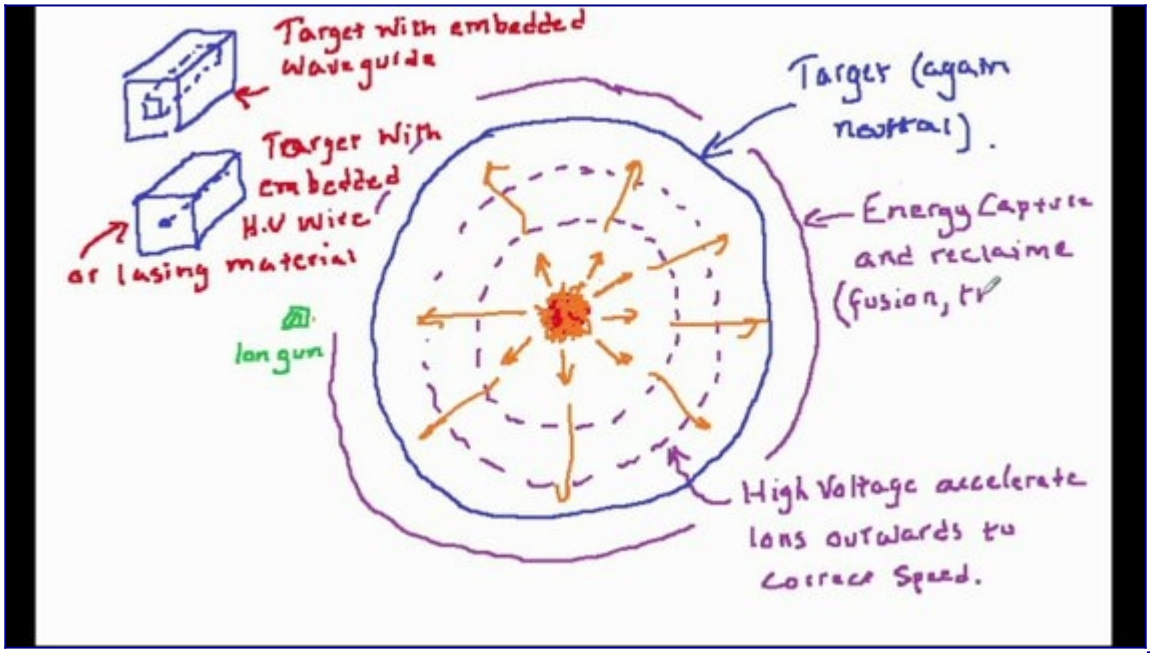
20 Aug 2024
Method for Ionizing Helium. youtu.be/watch?v=B48h4DJv…



An innovative Farnsworth-Hirsch Fusor (Inertial Electrostatic...

This video discusses an innovative design for a Farnsworth-Hirsch Fusor - also known as an Inertial Electrostatic Confinement (IEC) fusion reactor.Note: The ...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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19 Aug 2024
Replying to @Alien_Scientist
You are not allowed to Publish when in the Programs. There are no Patents from individuals working directly in the Programs. That is strictly forbidden. Patents and LEAKS come from Engineers on the Peripherally of the Programs whom do single line research, for the Program. YOU CANNOT SELF PUBLISH after leaving the Program. All Publication must has another REAL Person's name in authoring. You get to DOUBLE DIP legally on Military Active Duty and Civil Services GS-15. pay. You get GS-12 right off the Bat as you work into the GS-15 Position and retain Military Rank while on Wildflower Programs.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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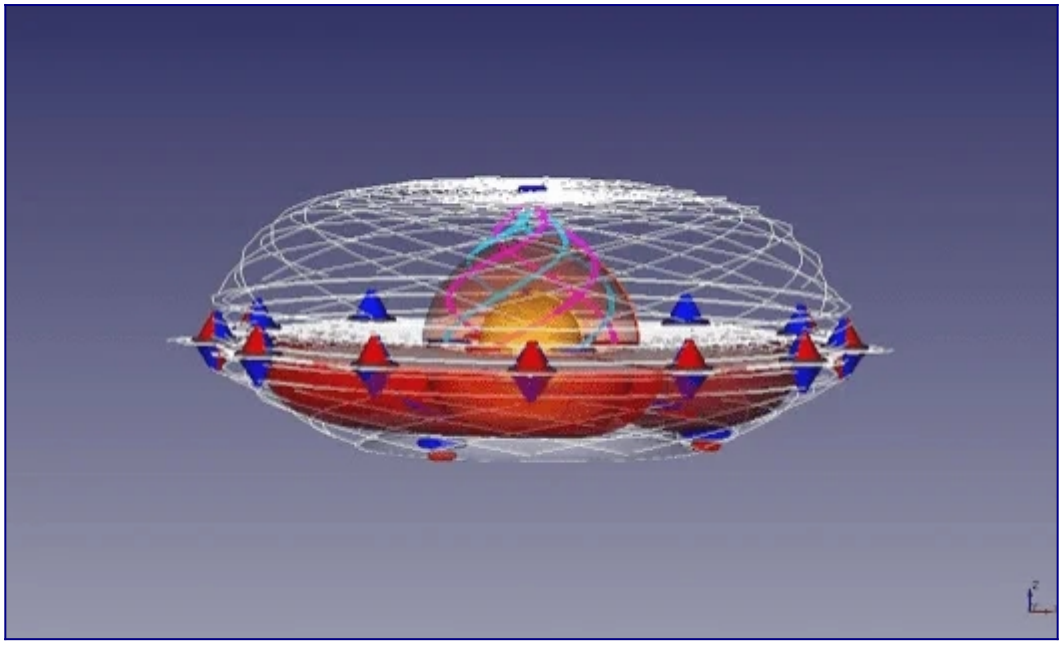
17 Aug 2024
An Alfvén wave is a LOW FREQUENCY 'barely' Travelling LOCALITY WAVE of oscillations of the Ionic and Magnetic field in a Plasma. The Wiggly and heavy IONIC FIELD (E) is moving <>90° tangentially to Magnetic Field (M) and Kinetic Field (K) Magnetic Field(M) Electric Field(E) and Kinetic Field(K) are joined by NATURE at hip 90°. Kinetic Axis is, K AXI of Wave's Propagation vector. In Plasma Studies K = KINETIC MOMENT is constrained to near a Dirac Zero due to it's formation of a Macromagnetic Domain's isolating Layered Boundaries. K Field is Dislocated in Plasmas and creates it's own LOCALITY of MACROMAGNETIC DOMAIN. This is why Heat Rises in single Axial Vector, Heat rises against gravity due to the locality of Heat's Axial vector in it's displacement of K. Plasma's create their own MACROMAGNETIC DOMAIN by the increased energy state.. while K just stands around du-in nuttin'. K's Displaced Field has M smearing it's dribbling love all over the outer planes of K Field's Face. The ion mass density and LOCALITY provides the inertia confinement via the cooler-state magnetic field line EIKONAL Stretched tension forming the Constrained K force. In a Plasma the surrounding environment has dimensionally expanded due to heat. This Increase in Dimensional Space looses natural attractive forces due to LOCALITY of Field adhesion to surrounding Media's Adiabatic Pressure. The Plasma's Domain Unjunctures adjacent LOCAL Free and Lightly Bonded Electrons from adhesion to surrounding media. Plasma is Vacuum or Kinetic Pull in a Electron Gas Form. The Harder the Vacuum the More you Electrify it. Some Plasma generate light, some don't. An Arc of Electricity pushes the Universe away from it. You must idle an HV LF AC arc geometrically across 2 planes of your smooth surface antigravity vehicle to push the Liquid, Gas or Space Plasma's Media's adiabatic Adhesion Coupling Constant to a Dirac Extreme loosing/diffusing/displacing LOCALITY of ADHESION to the Local molecular environment. When you Pull Hard Laboratory Levels of vacuum, think of it as Compressing Free Electron Gas, NEGATIVE of PRESSURE per Bernoulli. Mankind can generate Vacuum lower than Nature can Generate. Alfvén waves propagate in the direction of the magnetic field, and the motion of the ions and the perturbation of the magnetic field

are transverse to the direction of propagation. However, Alfvén waves existing at oblique incidences will smoothly change into Magnetosonic waves when the propagation is perpendicular to the magnetic field. In an Antigravity Vehicle's Buoyancy Field Generating System you must maintain HV Low Frequency Modulation to keep the Propagating Ionic Gyrofrequency's Velocity below the speed of sound or a <>90° between E and M Field will form as K Breaks down into Diffusive Shockwaves.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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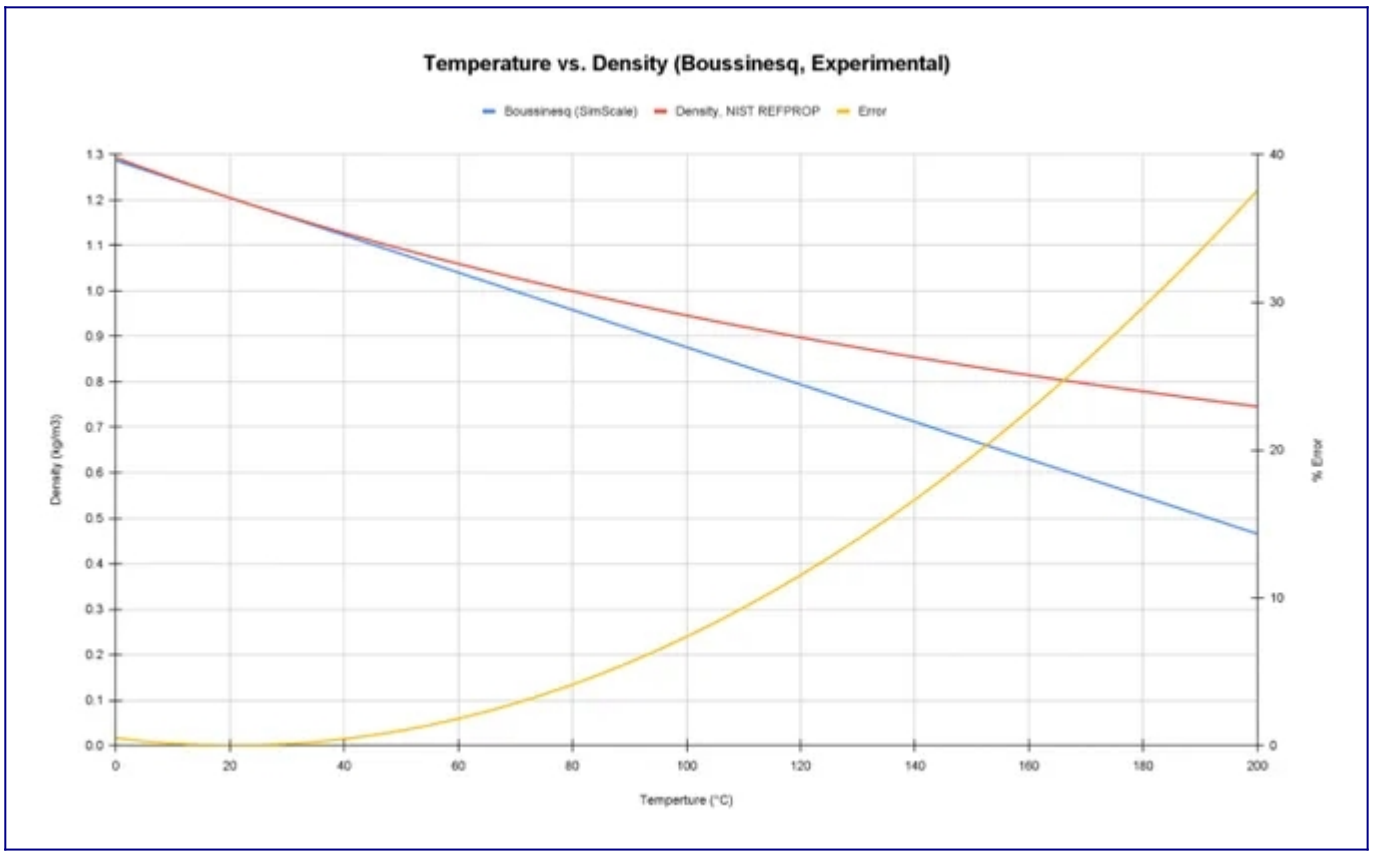
17 Aug 2024

The BOUSSINESQ APPROXIMATION is integrated with Alfven Wave Mechanics to Define the Buoyancy Field Bubble around a Antigravity Vehicle.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Aug 2024
Replying to @yatharthmaan @spacesudoer @elonmusk @JeffBezos
You are mistaken, Bezos only uses technology and hires humans whom know how to originate technology. So BEZOS has little technical knowledge.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Aug 2024
Replying to @KingmanSven @deepwebslinger
You must be at least 25,000 miles away to see to Curvature of a 10,000 mile wide sphere. 2.5 times distance, from sphere, to see horizon of SPHERICAL CURVATURE. Otherwise, you just see Horizon and no curvature.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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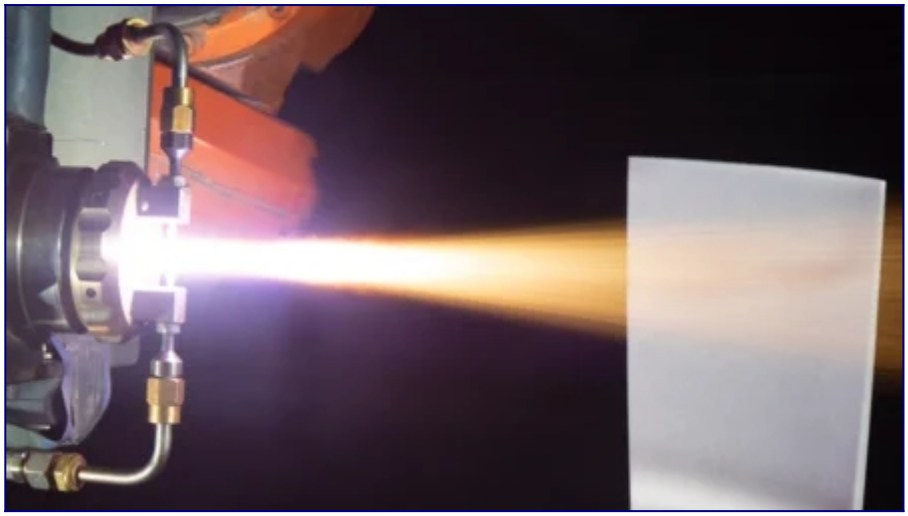
13 Aug 2024
Manmade Antigravity Vehicles do not require Superconductors or Exotic Materials to achieve Buoyancy. Perovskite sands are plasma sprayed on the exterior heated panel modules of Antigravity vehicles fuselage to increase their Field Generating efficiency. Most people in the Disclosure Movement want imaginary reverse engineered technology. Antigravity Math has been in textbooks 100+ years old. Truth is you must be mentored in a Structured PhD program to understand Antigravity. Academia has failed to give Antigravity to mankind. I was forced out of technology programs by CoVid Fanatics. Why am I suppose to wear a Surgical Mask in a sealed Climate Controlled underground facility with inadequate ventilation for Fire Safety. CoVid fanatics

completely destroyed DOE/DOD Active Covert Research Programs . The picture below is the same type Plasma/Thermal Spray Process used on Antigravity Vehicles to modify the Conductive Properties of the Parent Metal. The Thermal Layering of materials is calibrated to apply atoms thick alternating type materials like Silicon, Thorium, Copper, Zirconium, Perovskite Sands, Gold, Silver, Chromium, SF6 and other type combination of material ratios to achieve a given Electron Valance Configuration.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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10 Aug 2024

C < 1 When Electron Velocity is Constrained to Low Frequency Modulation of Alfven Waves. This is big Antigravity Secret. Most will look past post.

$$\varepsilon = 1 + \frac{c^2\,\mu_0\,\rho}{B^2}$$

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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10 Aug 2024

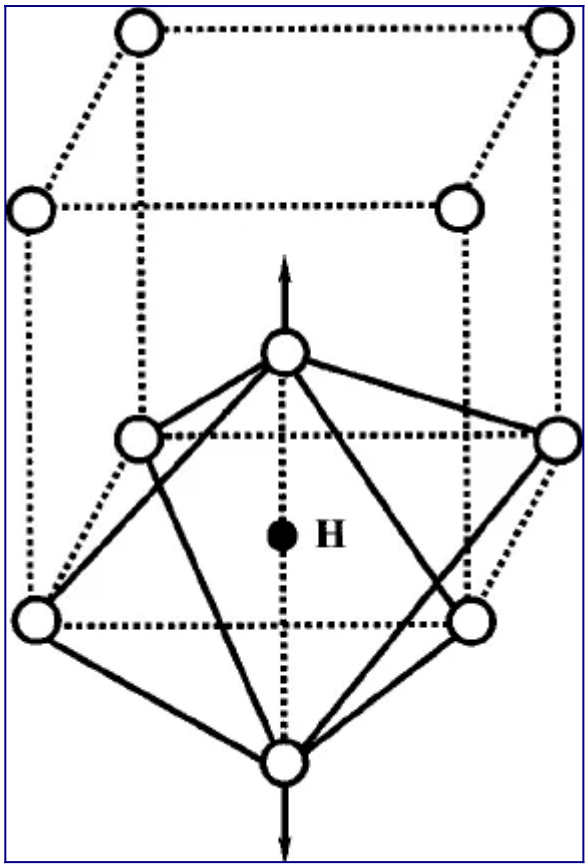
Hydrogen Lattice Continua is everywhere, evenly spaced in the Universe. It permeates all metals like X-Rays due to tiny atomic dimensional size. The Microverse of Continuous Lattice can be Quantitatively Pumped/Coupled with High Energy Low Frequency Oscillations to crate a slow Push back force at the end of Oscillation Cycle. You utilize Geometrically placed antennae/Emitters on Opposite sides/planes of the vehicle and the wave pushes the fuselage skin. The Field generated by an Electrically Propulsive Field Generating vehicle. This Kinetic Coupling Constant, K, has a Velocity Constrained Window that drops off as frequency goes up. Hydrogen Embitterment is a condition when Bonded Hydrogen hauls but outta the Metallic Lattice structure.
en.wikipedia.org/wiki/Hydrog…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Aug 2024

Replying to @AtlanticThoth @elonmusk
Plasma Spray the Throat of the Rocket Nozzle with Thorium Dioxide for extra 3% to 5% thrust. The Thorium Dioxide ensures atomic conditions are encouraged to ensure complete open air combustion.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
7 Aug 2024
The Continuous Hydrogen Microverse of Continuous Lattice is everywhere and goes right through the walls of a vacuum chamber, just like a X-ray, due to it's ultra fine structure. The Physical 'Responding Structure' of the Continuous Hydrogen Lattice has Holes/Wells the same as a Solid Semi-Metal Material. It is this Continuous Hydrogen Lattice that man made Antigravity Vehicles electrically couple their own parent Inertia to the surrounding Buoyancy of less than Hydrogen. Your whole vehicles weight can be transmitted into the Hydrogen Lattice at Low Frequency with Geometrical arraigned Heated antenna.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Aug 2024
Replying to @RTehubijuluw373
The Models I worked around were 3 Media Capable. Water (Liquid), Gas (Air), Plasma (Fire/Vacuum or Kinetic Pull) I never saw evidence in 38 years of Aliens but I believe in Aliens. If one had an unlimited budget one could engineer Dimensional Displacing vehicles and then have 4 Media rated vehicle.

Load more
Load newest

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Aug 2024
Replying to @realchasegeiser
Remember those Military Members Killed when the Clinton's killed Ron Brown ! and they OPENLY COVERED IT UP.... Captain. Ashley Davis, pilot Captain Tim Schafer, pilot Staff

Sergeant Gerald Aldrich, flight mechanic Staff Sergeant Robert Farrington Jr., steward Sergeant Cheryl Turnege, steward Sergeant Shelly Kelly, steward
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Aug 2024
Replying to @RTehubijuluw373
Wandering Constant Mankind has established through excessively funded research that, The Speed of Light is a Variable due to the Expanding and Contracting Nature of the Universe. Any measurement take to extreme tolerances of measure show a continuum of Moving measurement. Measurements in Physics that are Average Means are not fixed constants but wonder about the Boundaries of the Constant, but never on it. Similar to a Dirac Function.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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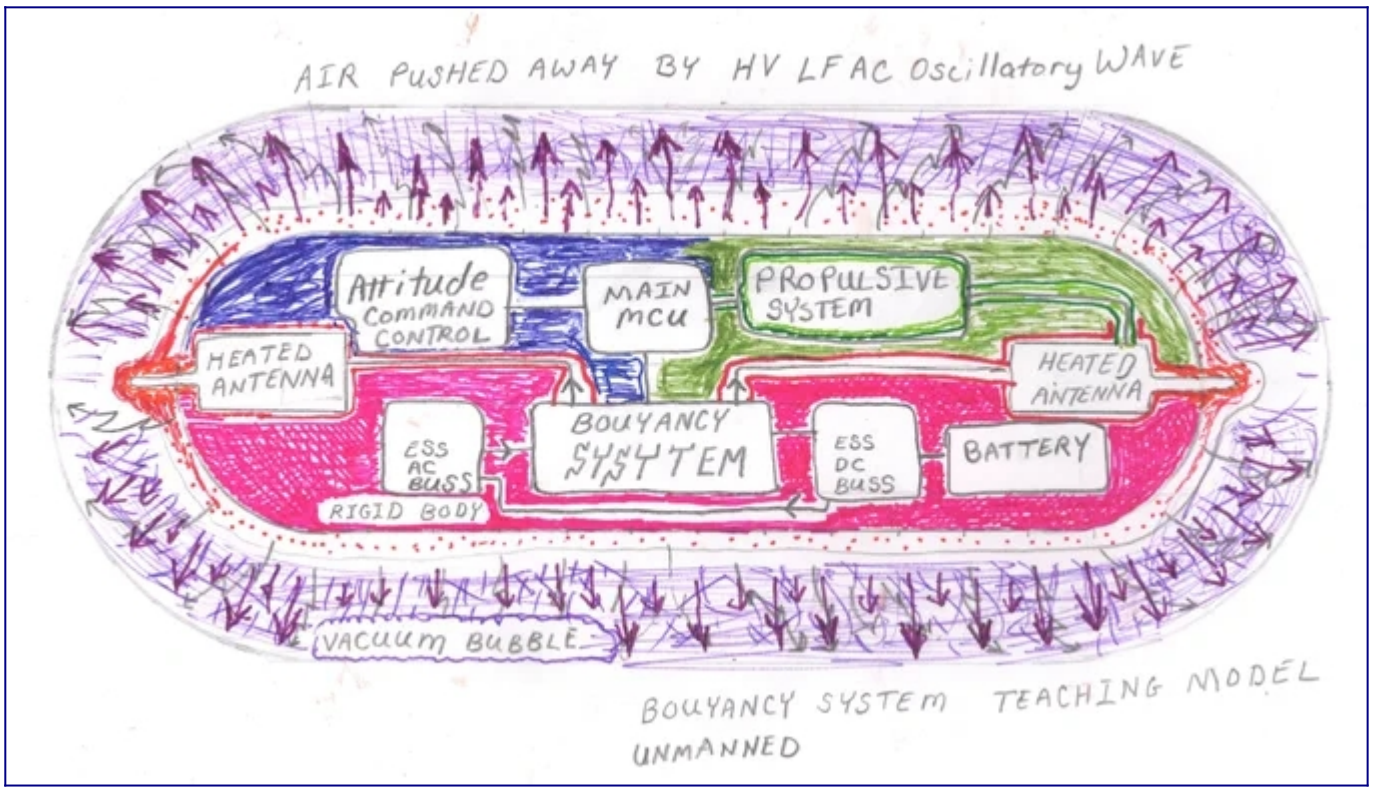
3 Aug 2024
Teaching Model. Must be hand drawn... Crayola Aided Drawing. This is a Avionic Block Diagram for the Buoyancy Systems of a DIPOLE Shaped Antigravity vehicle. The Buoyancy Systems radiates a Double Pulsed (for Electron Velocity Constrained Control) of High Voltage Oscillatory AC Low (<70Hz) Frequency resonant power supply in a Phase Synchronized continuous arc . The Buoyancy System has it's on internal resonances in the order of 300KHz, this is unimportant. Low Frequency Modulation is utilized on a Velocity Driven Conduction State between the 2 end fire heated antenna. The heated antennas free up Electrons the same fashion as Vacuum Tube Filament Heaters. This Oscillatory Field is a Radiative Guide for Tunneling free and lightly bonded electrons. The electron inertial vectors are away from center mass of vehicle. Power Supply Redundancy is achieve by Doubling the number of Resonant Power Supply/Heated Antenna feed systems giving redundancy similar to multi Magnetos on a Recip Aircraft engine. The Buoyancy Systems drags all free and lightly Bonded electron into the surrounding Medias environment. Radiated in a Vector that is most far from and most away from the idling fields arc. Buoyancy System gives rise to the vehicles Isotropic native Inertial Tension. It originates it's own LOCAL Inertial Field independent of Surrounding Media Inertial environment. The Velocity Constrained Propagation Speed is to keep the Interaction speed with the surrounding adiabatic Media environment at speeds less than the Speed of sound. This is Velocity Constrained Propagation Method is Mankind access to the Command and Control of Atomic Inertial Force. The Velocity of the Electron governs the surrounding Medias Adiabatic interaction resistance. If the velocity of electrons propagate faster than the speed of sound, than a return of the vehicles interaction with the surrounding Media Field the Energy avalanches loosing control of propagation speed. By keeping the Electron Propagation velocity low, the Low Frequency Oscillatory High Voltage Low you push the surrounding Media away from the skin of the Fuselage. This results in a Formation of a Vacuum bubble around the vehicle, electrically locked to my vehicle Variable Skin Effect velocity constrained Fuselage Surface. The Vacuum Bubble is deformable for movement. This Deformation Shape of the Bubble is governed by the Propulsive System. You are weightless when the field is energized. You can go any speed Frictionless. You can make 90 degree turns at thousands of miles per hour.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Aug 2024
Replying to @planethunter56
When you start into the real Engineering Programs, they have you set down and read about 4 hours worth Bullcrap and Lies. There was lots of Fake "Treaty with Aliens" crap that anyone with common sense would say is a Lie. Everything read like a Cheezy 1930's SciFi paperback. One thing was clear, the Engineering conjectures were complete Bullcrap written by a person whom has never had University Level MECHANICS. How can I believe FAKE ALIEN Briefings if the person whom wrote the material had no mechanical aptitude. I believe in Aliens but never saw any Proof. I can tell you with Facts to Me... Most UAPs/UFOs are powered by conventional electricity and made of conventional materials. Most people have never heard of Plasma Spray of Perovskite Sands on Fuselage vehicles, but they exist. This is a conventional material

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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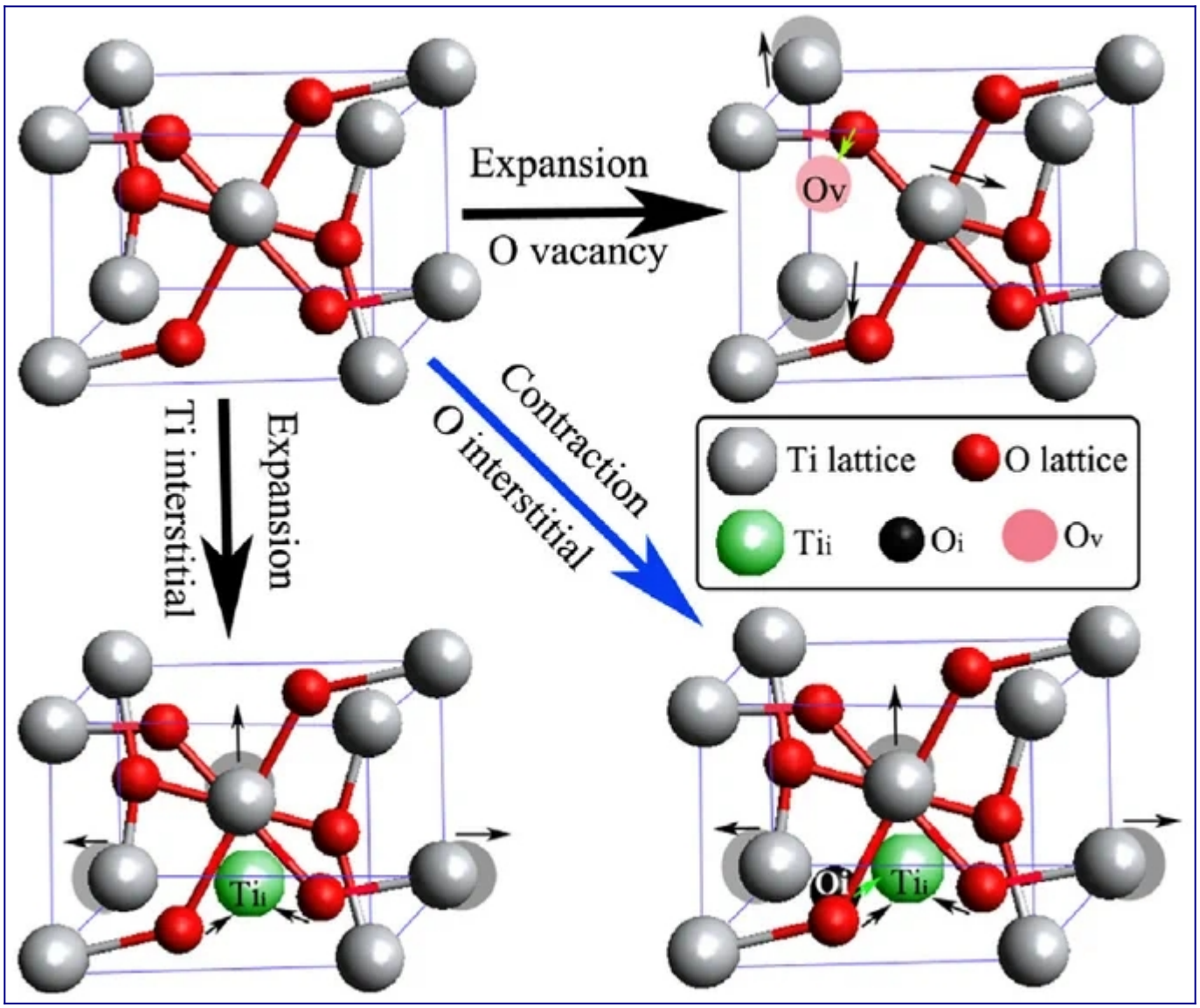
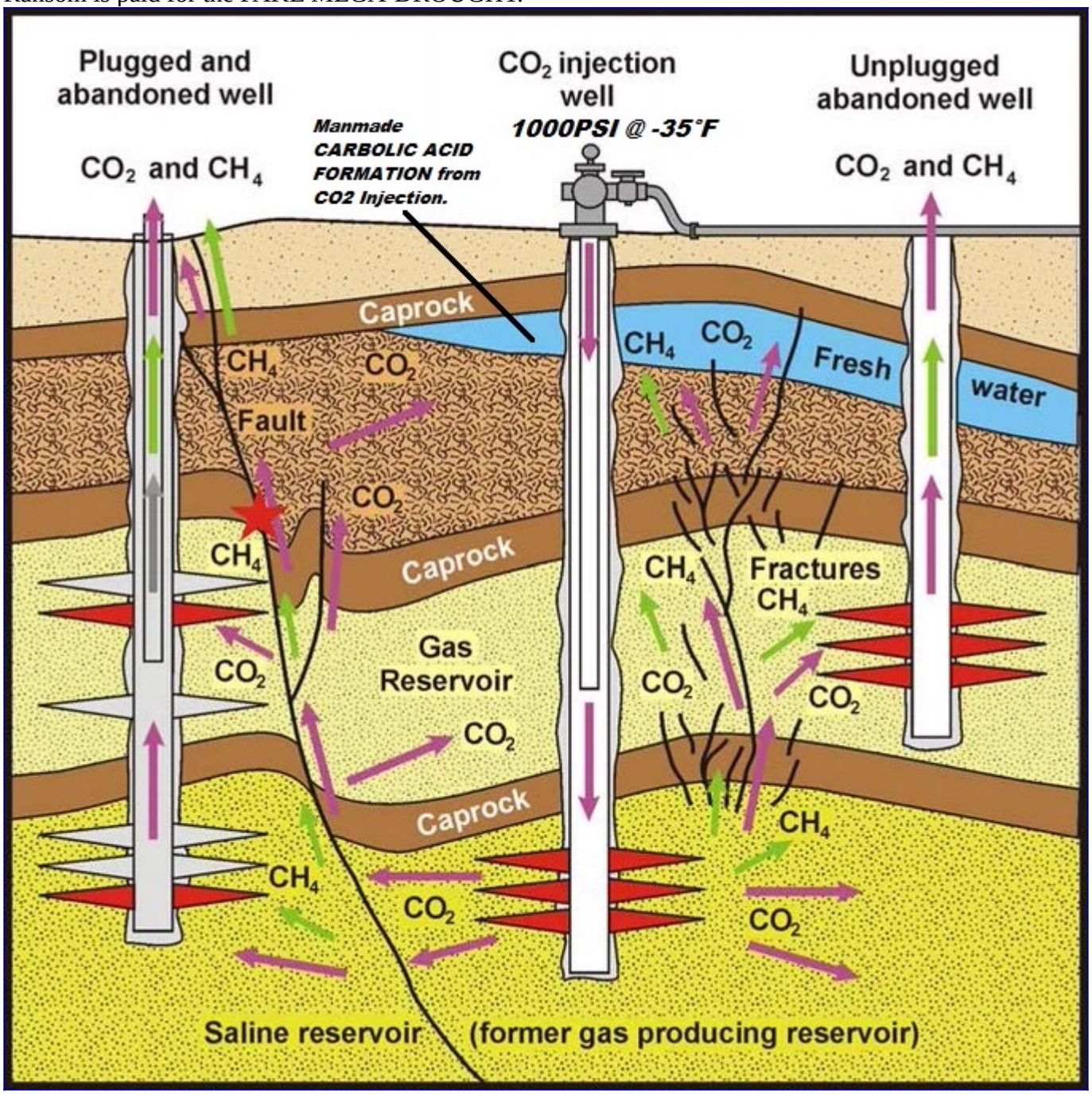
2 Aug 2024

In many Textbooks c = 1, where c=1 hertz or Speed of Einsteinian Light. So, the c is dropped and eV itself becomes a unit of mass. Einsteinian light is a Wandering Constant. So Keep in mind, In the r2 Microverse of Continuous Lattice, Speed is Fixed by Hydrogen, in the ambient Media's adiabatic pressure. C is allowed by Nature to be Greater or Less than c (1Hz) in the r3 Macroverse of Continuous Expansion/Contraction. r3 references the Atomic Dimensional Contraction/Expansion or Stress/Strain from the surrounding Media thermal Noise Floor. Einstein put a Speed Limit on Nature, God put a c Limit on Einstein.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Aug 2024
Replying to @RTehubijuluw373
Gravity has a Differing Coupling Coefficients between the R2 Microverse of Continuous Lattice and the Big r3 Curvey Marcoverse of Expansion. Understanding the 'Coupling' Wandering Constant is the understanding of real world antigravity vehicles.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Aug 2024
Replying to @ChiefDinger
Vacuum is Kinetic Pull.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Aug 2024
Replying to @ChiefDinger
Academia didn't teach me clearly, that Vacuum is Plasma. The Dissolution Evenly Dividing Force. Force sizzling between the Atomic Microverse and Atomic Macroverse.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Aug 2024

CO2 Ground Injection is about Freezing the Ground Water to Prevent Municipality Access unless Ransom is paid for the FAKE MEGA-DROUGHT.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
31 Jul 2024
Replying to @starlabiitb @isro @dakshasats
Every serious Ass-tro-Physics student should hand build a Muon Detector. spsnational.org/the-sps-obse…

students.aip.org

SPS

students.aip.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
31 Jul 2024
Replying to @drownincoffee_K
Being honest, since this was once a molten planet, there is no valid claim of Indigenous People except the Horta of Janus VI.

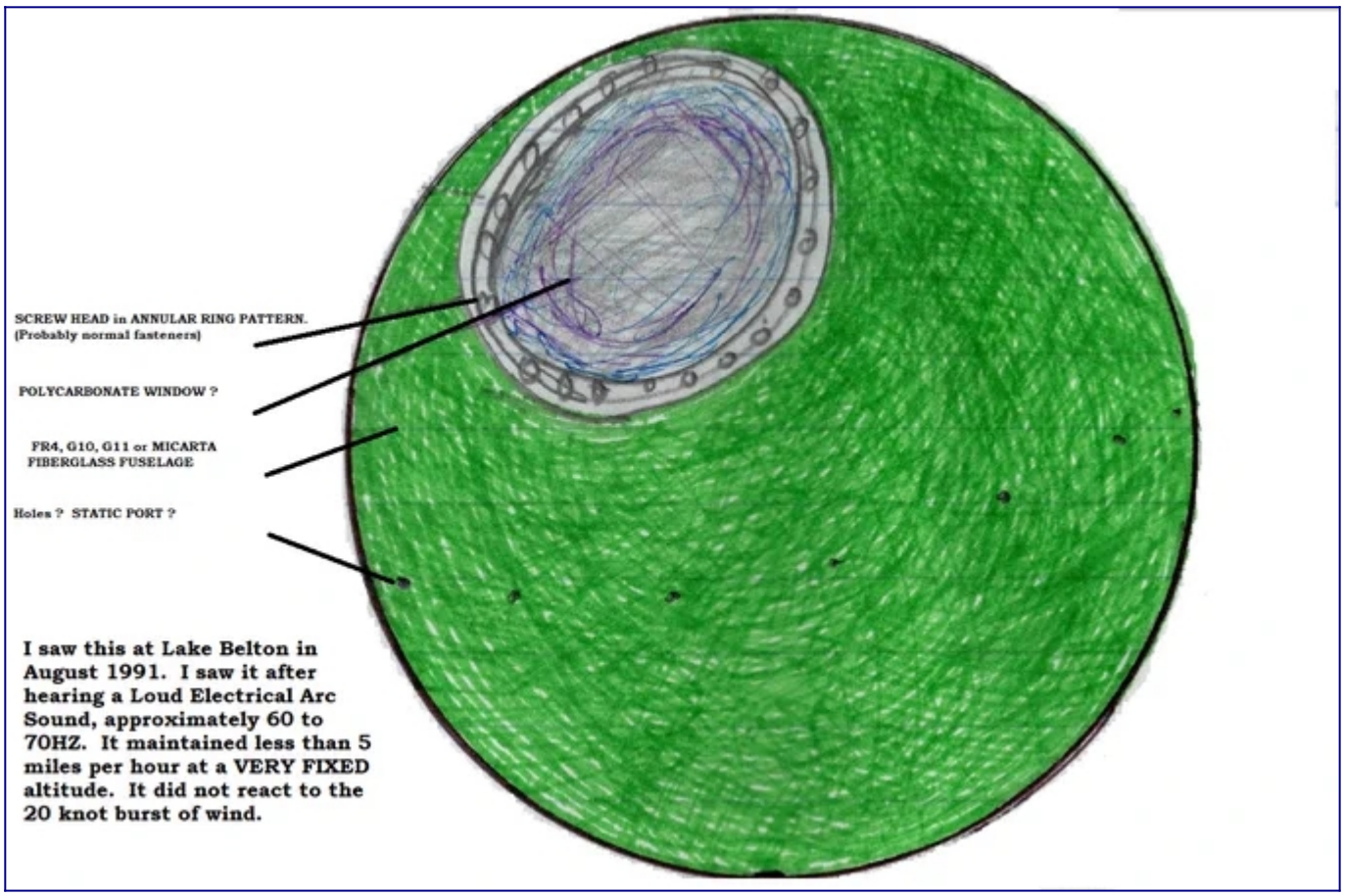
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jul 2024
For Clairification of Antigravity Vehicle Generational technolgy. It is common in the Aerospace Industry to Evolve a technology to a new Generation of Technology, when it address and defeats the greatest engineering constraint of the current gerneration of that technology. 1st Generation US Antigravity Vehicles had no Attitude Control system. A very desirable feature in a vehicle. 2nd Generation Antigravity vehicles addressed the deficientcy of no Attitude Control Systems but were all analog vehicles, flown by VFR rules. Attitude Control consisted of a Caged Heavy Flywheel with 3 Axial Cage around cage around cage around the Fly Wheel. Each Cage had Brushblock sliprings on one side and servomotor on other. This is called a Momentum Wheel in todays satillites. The 3 Cages Command Move on thier own Axis giving command over Roll, Pitch and Yaw orientation. So the flywheel spins away while Weightless(Bouyant) Vehicle rotates about the spinning fltwheel, in it's own Isotopic Inertia and own Isotropic Orientation. 3rd Generation Antigravity Vehicles added simple 8bit Nav systems and Digital controls on Boyancy, Propulsive and attitude control System. This Systems Improvement approach created a New Flyable vehicle differing from previous antiques. I cae into the programs with 3rd Generational vehicles being common. I worked on a team to define deficiencies in the 3 Generation of Antigravity vehicles. Speeds were limited, No Redundancy, Unsafe Pressurization systems. Most 3rd generation models are Death Traps. 4th Generational Antigravity vehicles have Plasma/Thermal Sprayed Fuselage Skin. Fuselage skin incorporated Calrod heaters in Outer Hull. Heated antennas coated in Thorium Dioxide. 4 Boyancy Sytem Emmitters for redundantcy. New generation of Optical Communication Systems, Colbentz UV style Comm. Multi-redundant Nav systems. Ionized Helium Emmission to Lower Pressure in atmosphere and annular He+ emitters around fuselage for Motion induction.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jul 2024
Replying to @Matt_Bracken48

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Jul 2024
Replying to @AGcorruption @TimothyAlberino
The Objective of a Study to turn the Sun OFF was a request from the Pentagon for the Feasibility Study for Potential Alien Threat. Would it be percieved to be Natural ? We found it possible by mankind with current technology. Cost was about 4 trillion in 1993 dollars. I believe it went into the DARPA Indigo Sky Program, part of Blue Beam proposal crap. A Train Boxcar size special Nuclear weapon could do it.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

30 Jul 2024

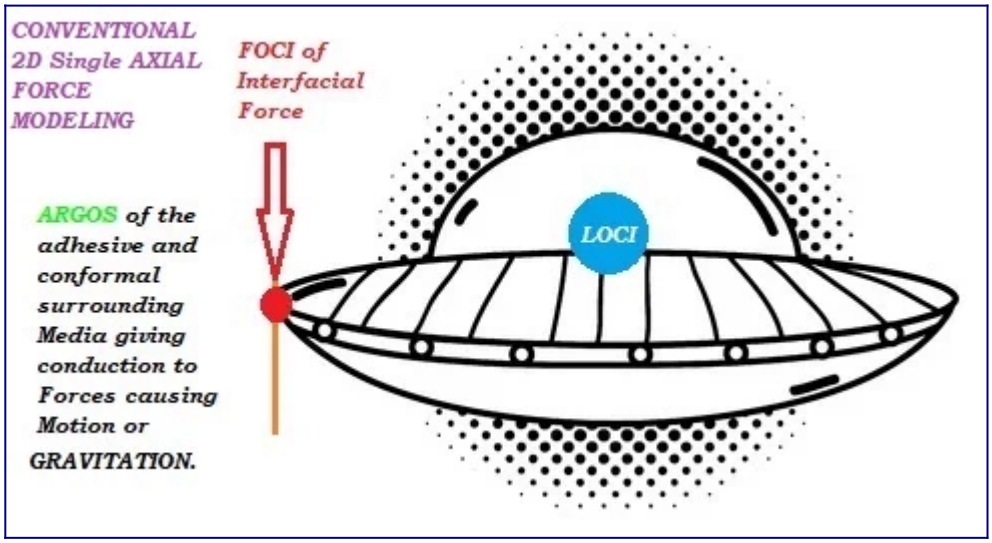
Replying to @TimothyAlberino

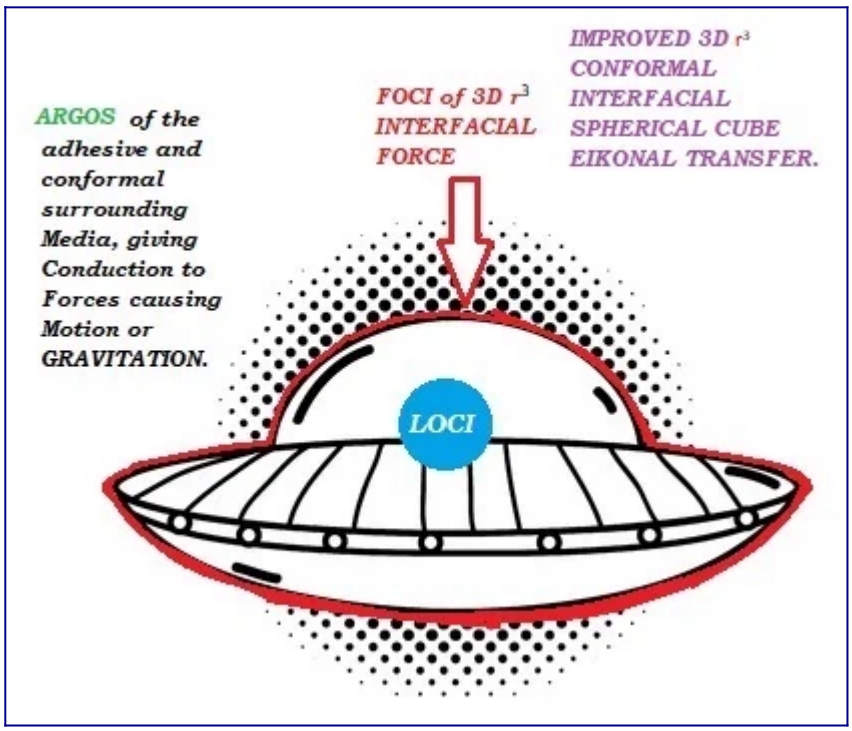
I was in those REAL USAF Engineering programs. Some fun Odd Projects from my USAF Research years. How to turn the Sun OFF. (This will take a long explination and I will place it in this Twitter account but the gist is to Push the Central Rotary Solar Axis with a tiny well coupled Billard Stick. The Sun will turn back on. Money is the Fuel for the duration of the OFF Cycle.) Increase Antigravity Vehicle Speed above C. (We are currently in the 4th generation of Antigravity vehicles. Max instantanious speed was 9,400mph at best and top speeds were 36,000mph. Investigated the restrictive Eddy Current loss and Field Emmitter Antenna geometry. The Heated Antenna Filament is similar to a vacuum tube to allow boiled off electrons to come under command of the Boyancy Main Field Emmissions. I came up with Idea to utillize a simple Heated Fuselage design with thin Plasma/Thermal Spray method of layering metals such as Thorium, Beryllium, Bismuth, Zircronium, Boron, aluminum. This fuselage skin into a Semi-Conductor. This greatly incresed Instantanious Speed and had staggering results in the Fast.) Entangle Particle Beams (Almost exactly like the Particle Saw in 3-Body Problem. We complete large Prototype in 1994) Miniture He+ Ionization 'Oven'. (Hyper Ionized, Exponentially expanded Helium Pressure vessel Greatly increses pressure when small signal RF voltage is emmitted inside pressure vessel and returns to normal pressure after removal of pressure.) Dimensional Voiding. Making doors and Rooms in mountains or nowhere.) Anti-Matter Weaponry (These are large nuclear weapons with unusually geomtrical arraingment of many tiny plutonium Pits that cause a Conventional Large Explosion to contain a Nuclear Detonation from expanding while a second nuclear weapon is detonated in the interior compressive wave vector of the Primary Outer Nuclear weapon. This Constraining of Nuclear Propagation with another nuclear weapon's pressure causes the formation of Anti-Matter Domains where the Large Macroverse is Forced compressed into the surrounding Hydrogen Microverse Lattice. This leave a energy deficit in the Macroverse.) Rapid De-Radioactive techniques (Nuclear Weapon Dampers.) Thin Radiation Damping with 3 point altered Perskovites. Redundancy to Antigravity Boyancy Systems. (First 3 generations of DOD/DOE Antigravity vehicles were deathtraps and had no redundantcy. I added multiple arrangment of high quality resonant HV LF AC Transmitter power supplies. This is akin to Multiple Magnetos on a Recip aircraft engine. Jokes on those shallow idiots whom think these things have exotic alien technology.) I saw this as a Jr. USAF Electrical Engineer in 1991 at Lake Belton. I met the people who made it and got me a fun job.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Jul 2024

Are you modeling Gravity on a 2D Newtonian dead end ? or Are you CORRECTLY Modeling the Gravitational Field's Deviations ?





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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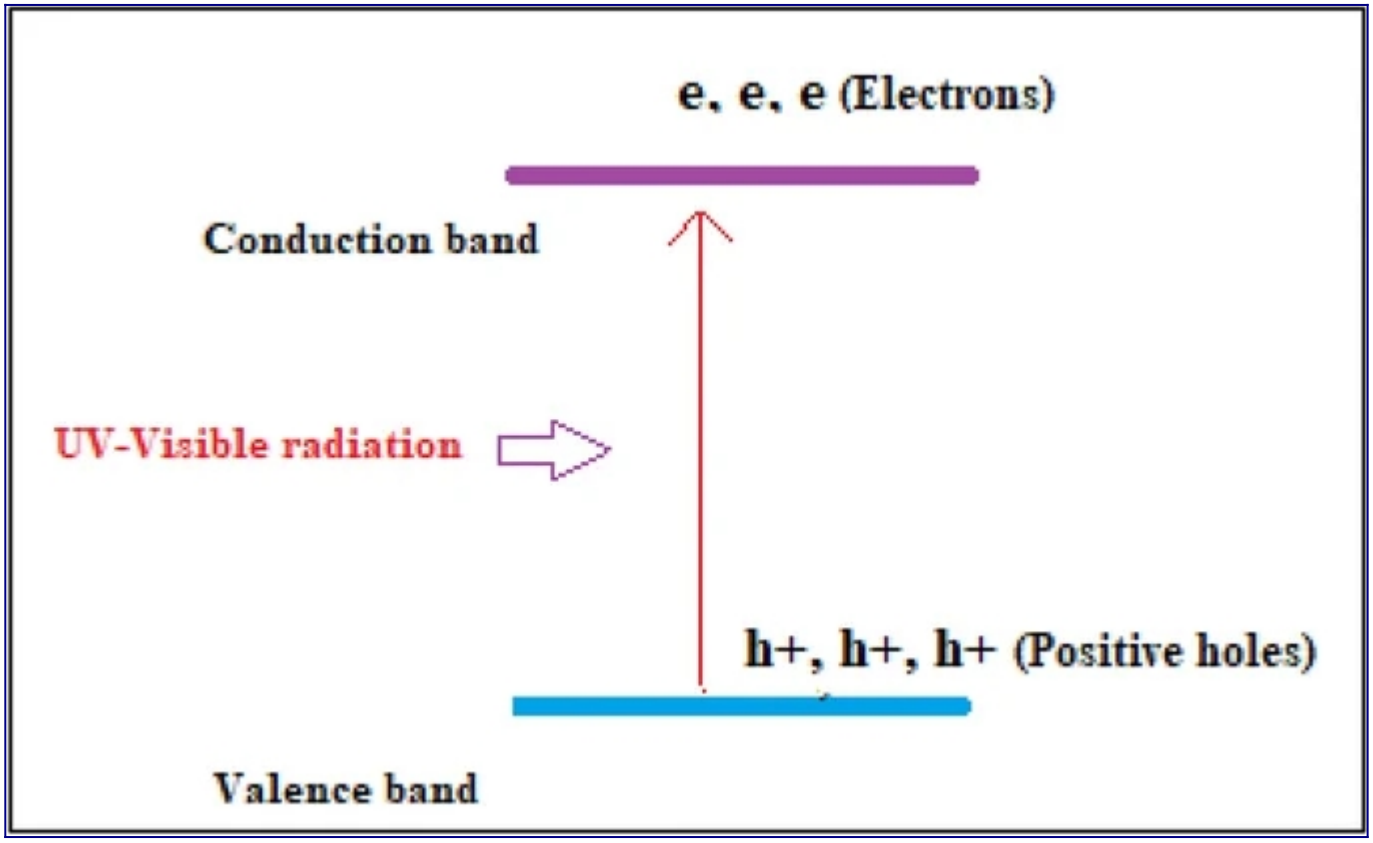
10 Apr 2024

Every Metal and Semi-Metal has a Superconducting UV photoemissive Band Gap. This Natural UV induced Superconducting property is always present and begins presenting as the material approacheses it's critical 3 point.



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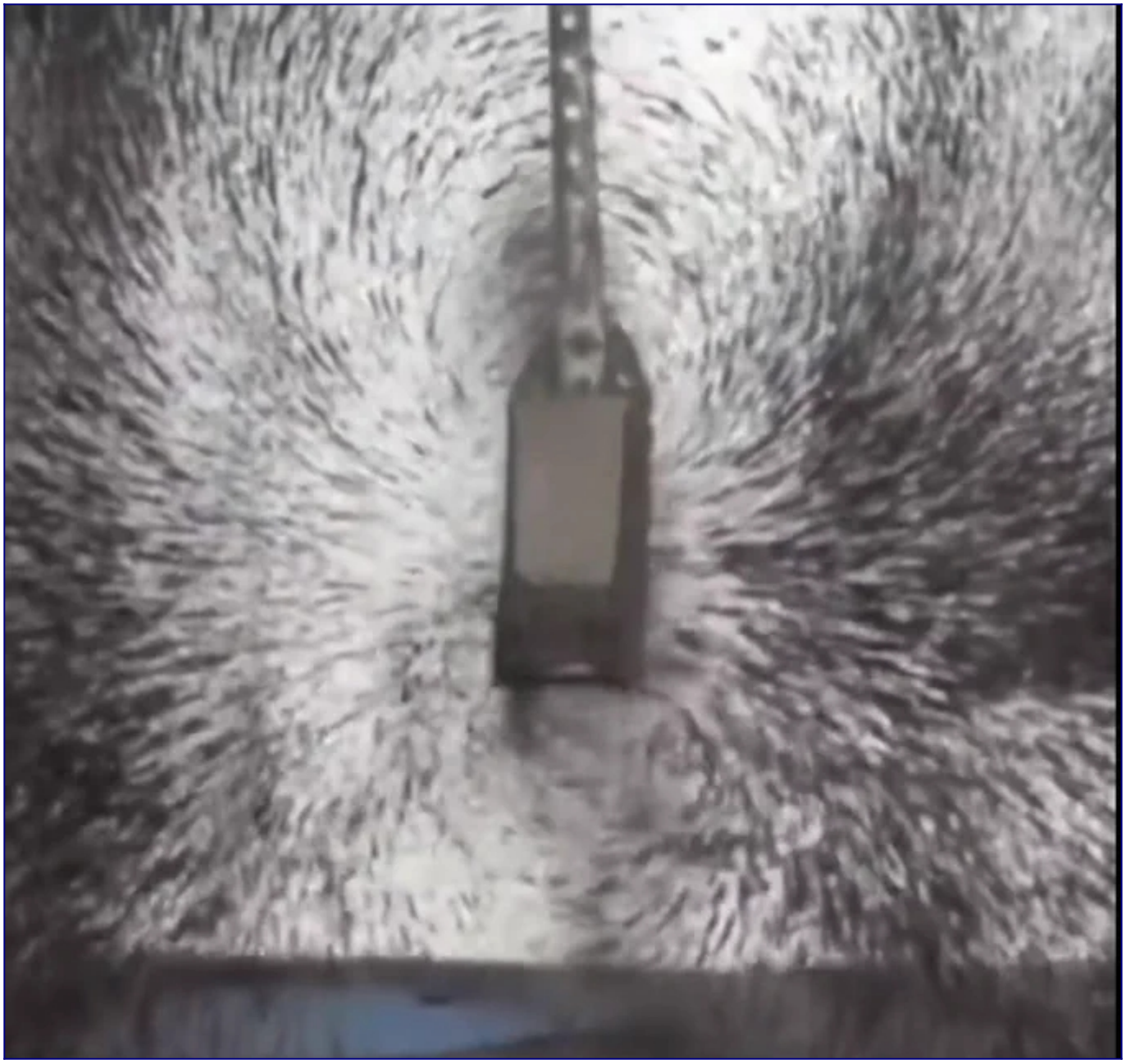
5 Feb 2024

External Dimensional Structure visiible in Interfacial Magnetic Field. The Interfacial Field is Invisible Physical Dimensional Media. The Ferrite dust slides over the invisble surface, not the Magnetic Field. The Magnetic Field would entrain the Ferrites in a Fixed Loci.



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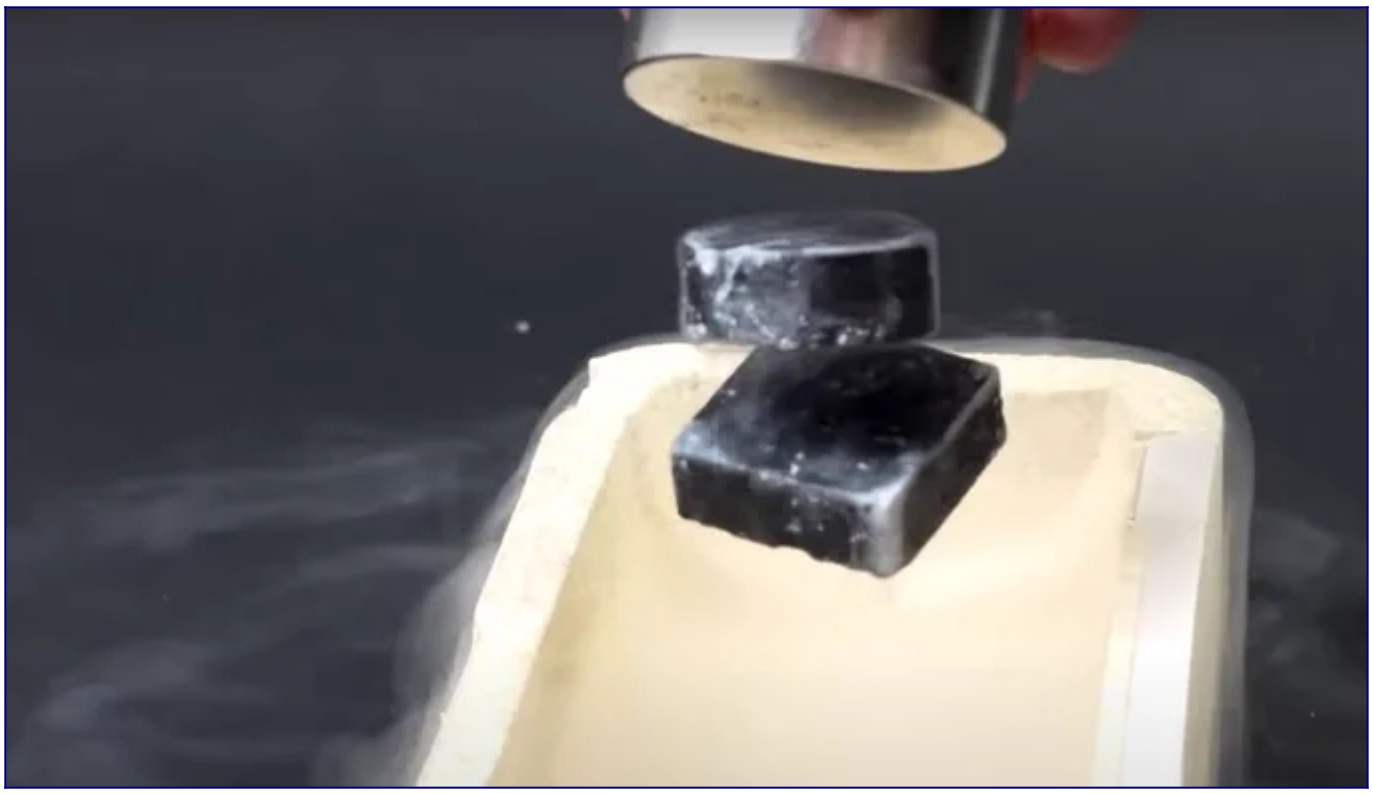
2 Feb 2024
BOUYANCY to SURROUNDING MEDIA.



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29 Jan 2024
In the study of Physics, one see 2 worlds of Physicality. The 2D ROBLOX Microverse of Continious Lattice, which behaves linear and the Big Curvey r3 Spherical Macroverse. These are 2 differing media, with differing rates of density (Gradient), causing 2 differing Velocity rates. An Idiot would only look from close minded r2 single axial Microverse view of action and say, "It's going backwards in time." Idiocracy is the rule in todays Acedemia. Here great example of Misunderstanding NATURE. interestingengineering.com/s…

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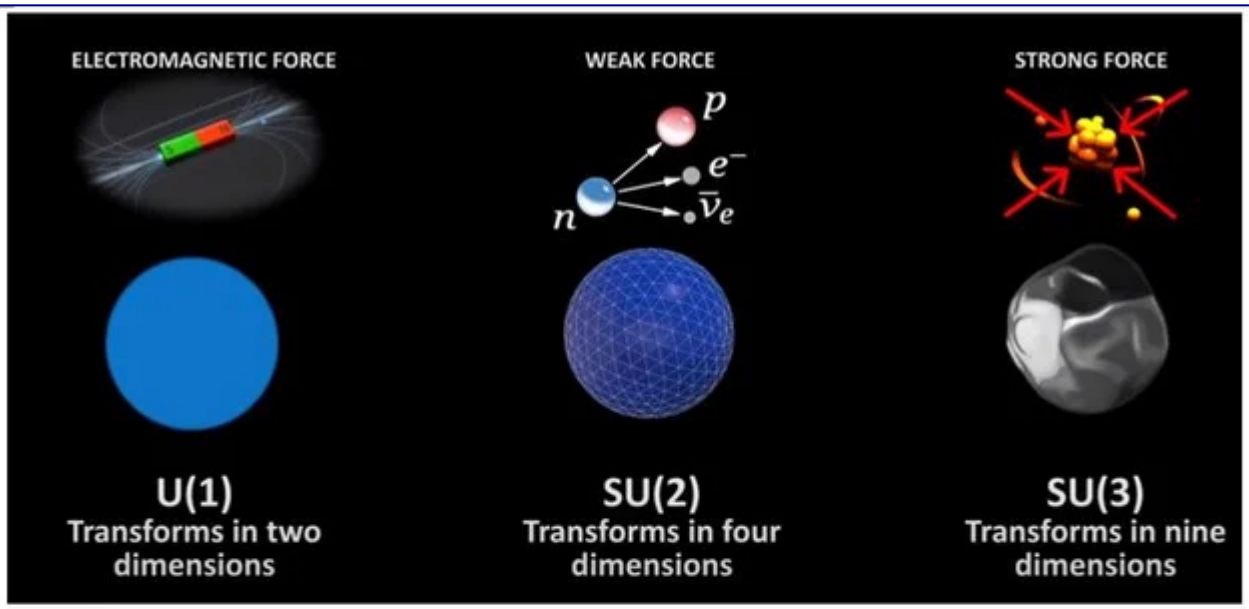
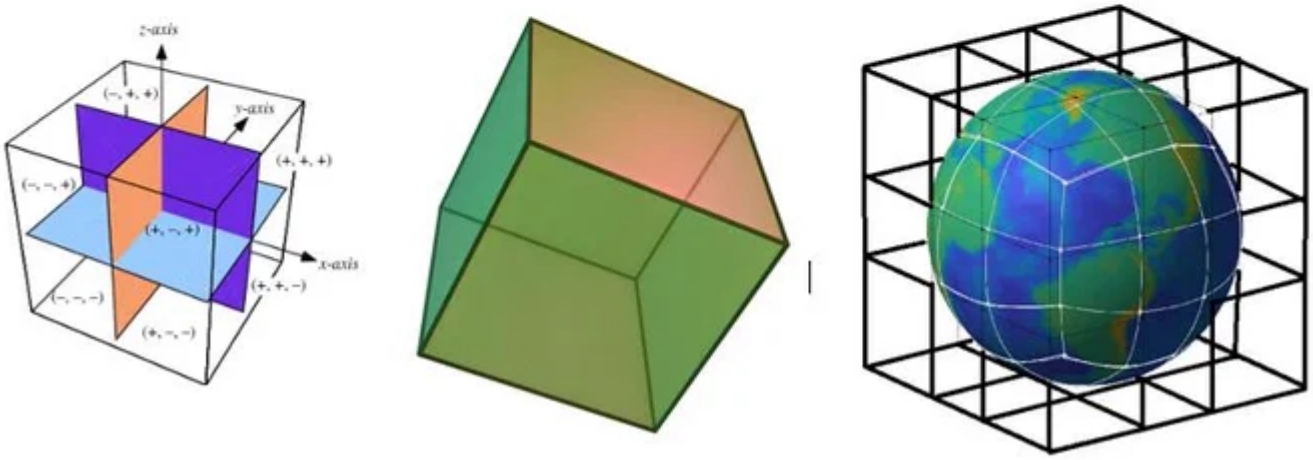
29 Jan 2024
Replying to @RicardoCalvrio1
The Speed of light is a Wandering Constant, not fixed.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Jan 2024
Replying to @rabbithole_YTC @martinmbauer
CERN can cause worldwide measurable atmospheric Refractive index change. It casues Light Spires when the big ring is powered.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Jan 2024
Replying to @EnzicaLabs

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
26 Jan 2024
Replying to @martinmbauer
Yea, Even Tesla kept the 369 secret to himself.... just to have Propietary Designs. He admitted he wasted his fortune sueing over patents.





Composite Transformation Matrix

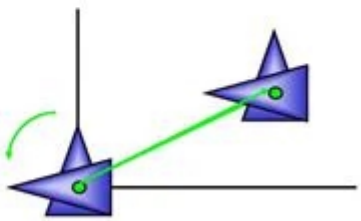
- Arrange the transformation matrices in order from right to left.
- **General Pivot- Point Rotation**
  - Operation :-
    1. Translate (pivot point is moved to origin)
    2. Rotate about origin
    3. Translate (pivot point is returned to original position)

$$T(pivot) \cdot R(\theta) \cdot T(-pivot)$$

$$\begin{pmatrix} 1 & 0 & t_x \\ 0 & 1 & t_y \\ 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} \cos\theta & -\sin\theta & 0 \\ \sin\theta & \cos\theta & 0 \\ 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} 1 & 0 & -t_x \\ 0 & 1 & -t_y \\ 0 & 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & t_x \\ 0 & 1 & t_y \\ 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} \cos\theta & -\sin\theta & -t_x\cos\theta + t_y\sin\theta \\ \sin\theta & \cos\theta & -t_x\sin\theta - t_y\cos\theta \\ 0 & 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} \cos\theta & -\sin\theta & -t_x\cos\theta + t_y\sin\theta + t_x \\ \sin\theta & \cos\theta & -t_x\sin\theta - t_y\cos\theta + t_y \\ 0 & 0 & 1 \end{pmatrix}$$



[ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS]

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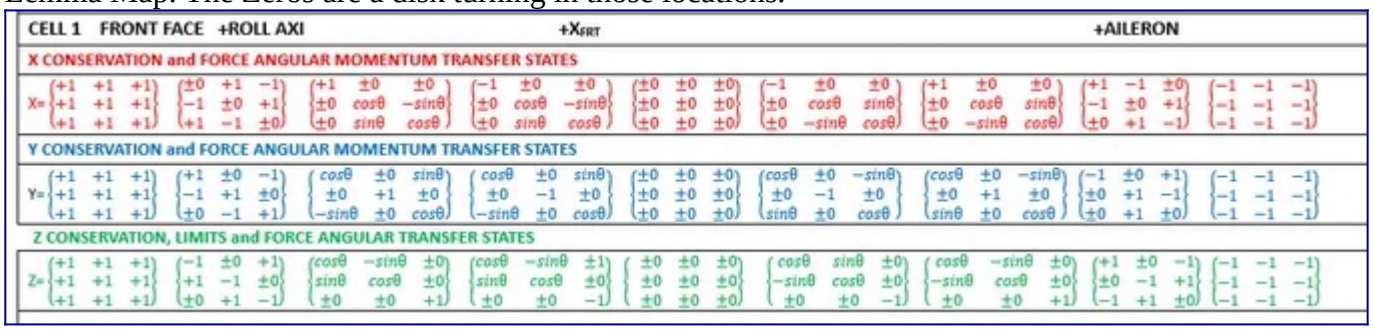
26 Jan 2024
Replying to @Web4Door @JoyceBrannen
Look at the shape of the ZEROS in the chart. This chart represents Empirical Motion in a Static Lemma Map. The Zeros are a disk turning in those locations.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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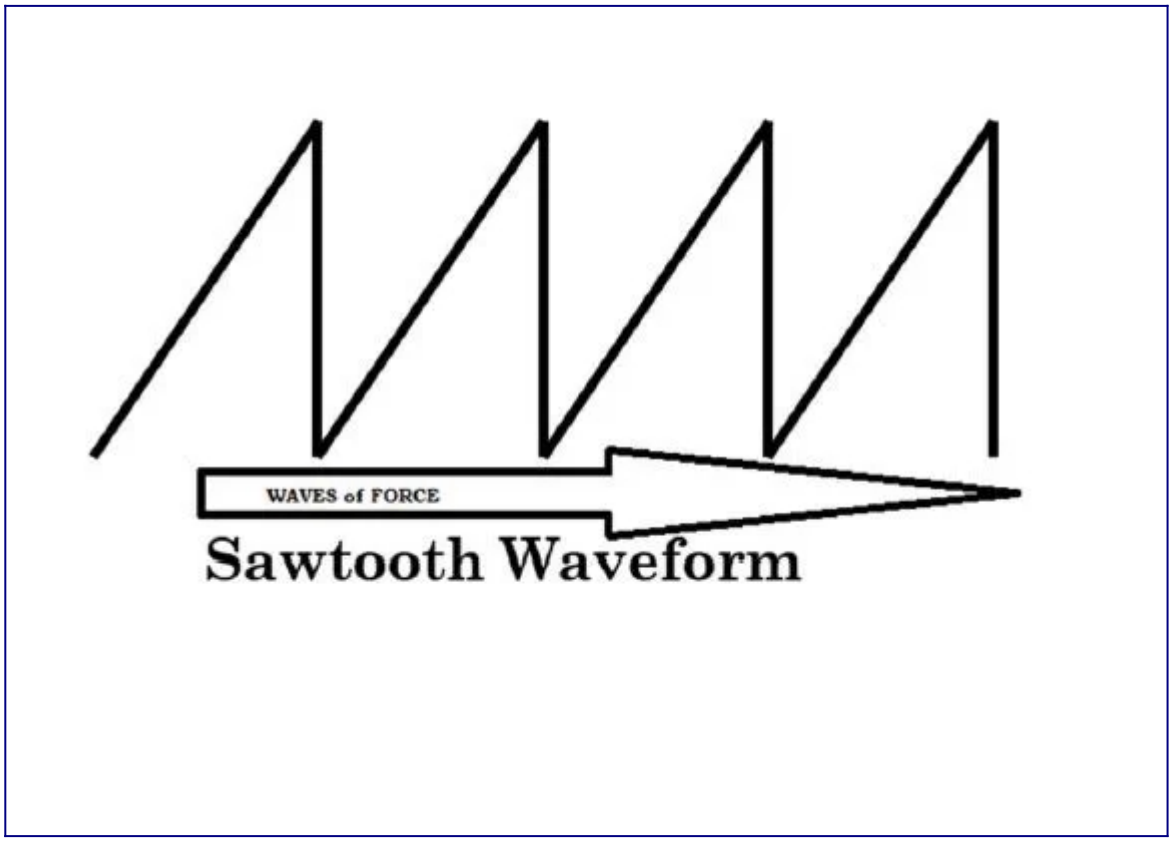
26 Jan 2024
Replying to @Web4Door @JoyceBrannen
The Universe has 2 scales (or dimensional planes), the Tiny r2 microverse and giant r3 Macroverse (The world we live in). Waves can move faster in the tiny r2 microverse When you shave 3/2 you get 1.5 as a reciprical constant. We percieve this 3/2 cutting wave as Time. Always moving forward, this wave existing only in the " Now" but with a never ending movement we percieve this a time. Without reversal.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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26 Jan 2024
Replying to @Web4Door @JoyceBrannen

3rd LEVEL CRITICAL THINKING NOTE

Gravitation is a Force that's best modeled as a (2D axis-Downward or 3D axis-Inward) FIELD-WAVE Flowing Cold Gas, against an (2D axis-Upward or 3D axis-Outward) FIELD-WAVE Flowing Fine Hot Gas, even if it isn't a gas. Our model is characteristically similar to Thermal Mixing model such as simultaneous directional Gas flow through Porous Media presented in a 3 AXIAL FOCI, 6-Sided Interfacial DYNAMIC multi-DIFFERENTIAL with 9x9x9 EMPIRICAL WANDERING SETS. We write our own book; we are human and there are errors in the paper. Because we are human and make errors, we see this before stupid AI see it. Mankind LAUGH in FACE of AI - HA, HA, HA, HAW.... It is an unedjukated concept of PhD to believe you can only REACT energy against Gravity. We propose to remove energy to GO FAST.

WE LAY DOWN, MANKIND is SERVED.

We begin with the old concept of the LOCI (Noun), ∠, an ABSTRACT Point with no REFERENCE.

When we REALIZE the LOCI's Reference in ABSTRACT, it is now a FOCI (intransitive Verb), L. Reference Point.

An AGER (Aggregate of transitory verb) is the FIELD-WAVEs (transient Verb) ψ~ Action of surrounding MEDIAs ∇ Interfacial Tensors.

A FOCI can be a 3D model of a Particle with central Multi-FOCI Radial Layers representing n, m, l, k shells and Nuclei.

When Modeling Both LOCI of FOCI and FIELD-WAVE as 2 sets of Dynamic Differentials, we get derivatives of the INTERFACIAL FORCEs with NATIVE GRADIENT DENISTY Θ (ΣPVT) ∇ and ANGULAR, Δ, TRANSFER FUNCTIONS(modal verb).

It is well understood, there are "Theory Problems" due to atomic scale force "REALIZATION" in Modeling.
The current method of M1-M2 has no way to determine the Density (Native Gradient) of a Wave adhesively wrapped around an object.

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This is always in motion.

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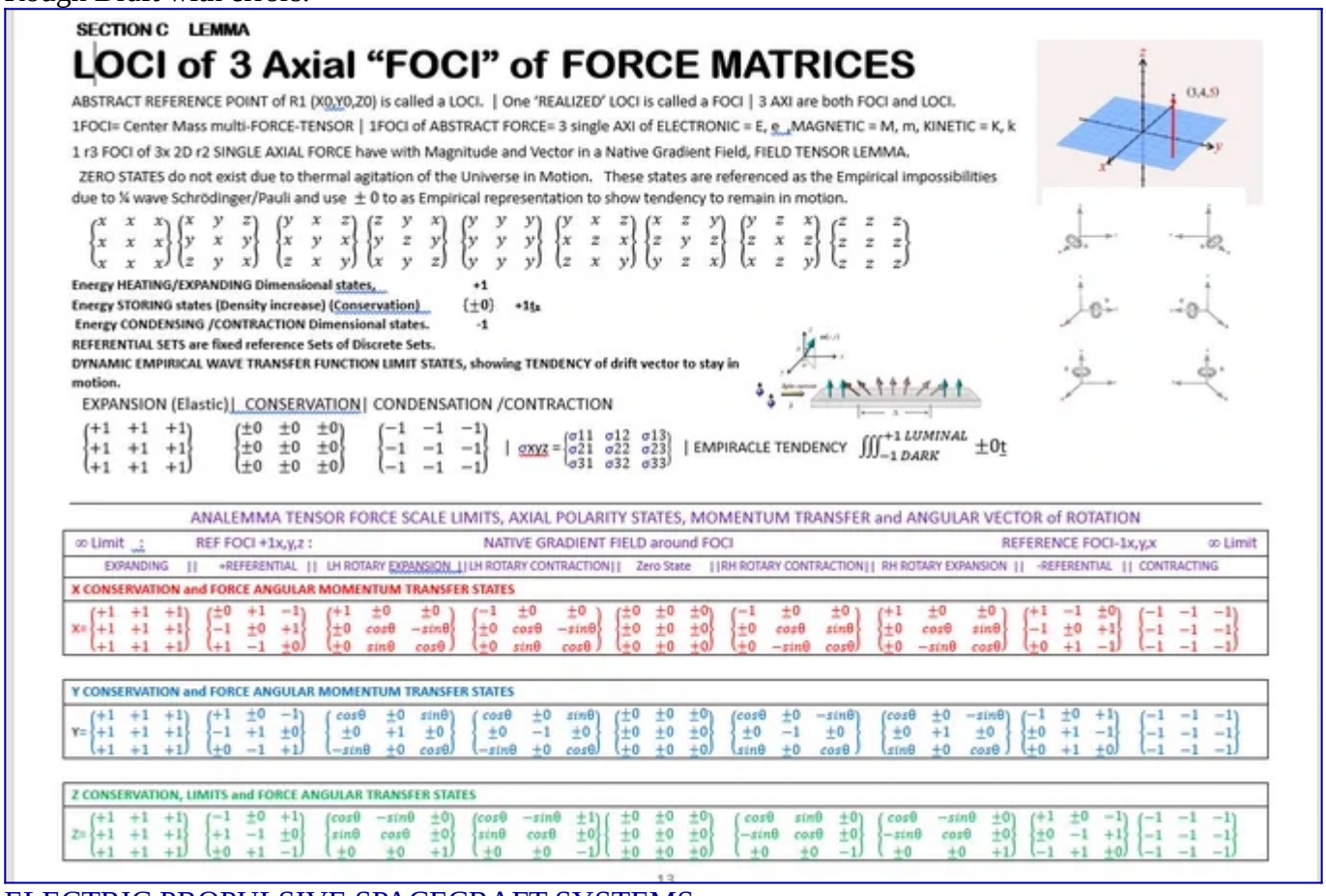
25 Jan 2024

Rough Draft with errors.



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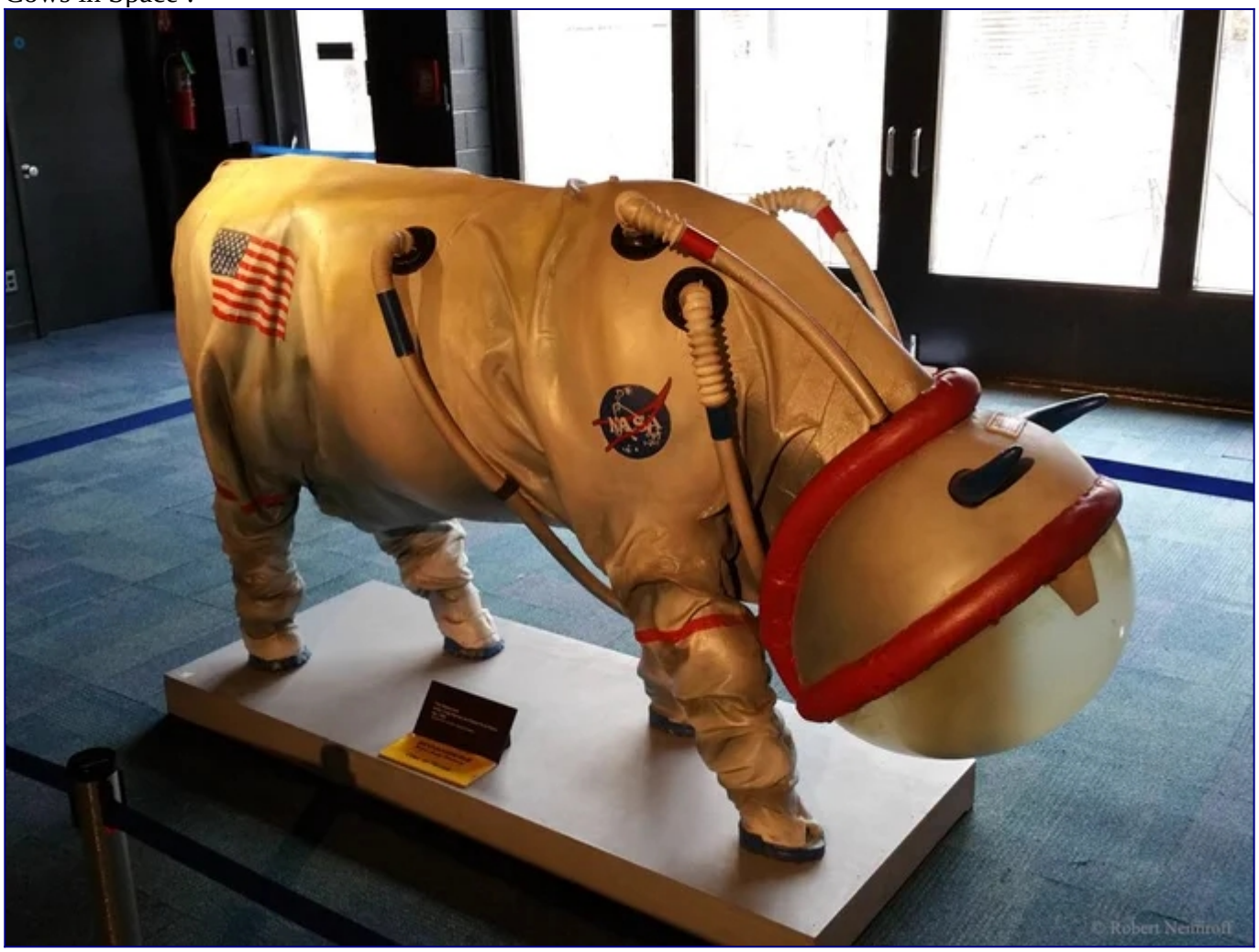
24 Jan 2024
Cows in Space !



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24 Jan 2024
Replying to @No_Curve @TedLogan1010 @Death6102
Vaccum is also called Plasma.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Jan 2024
Replying to @aether_coin @ScienceGuys_
Stanley Vag-a-Cup
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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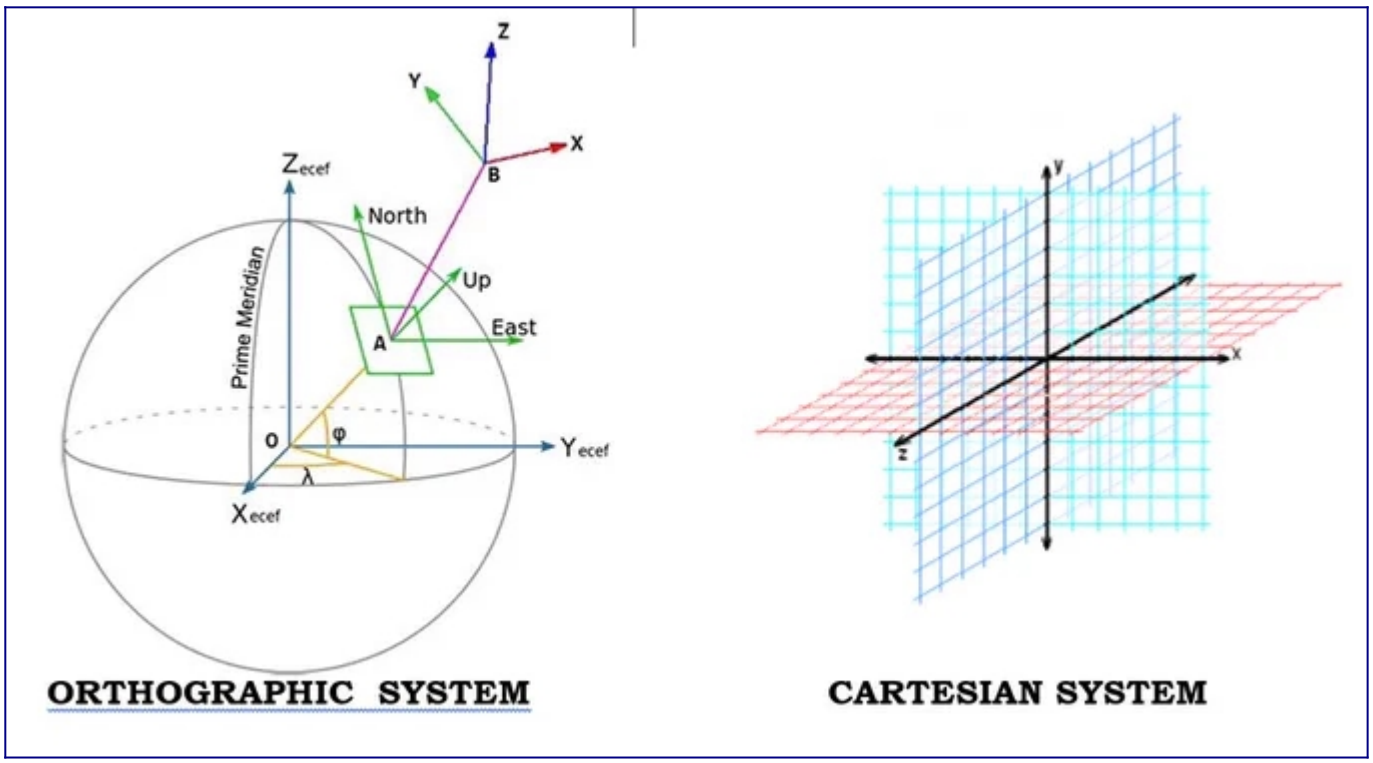
23 Jan 2024
ORTHOTESIAN SYSTEM use Both.



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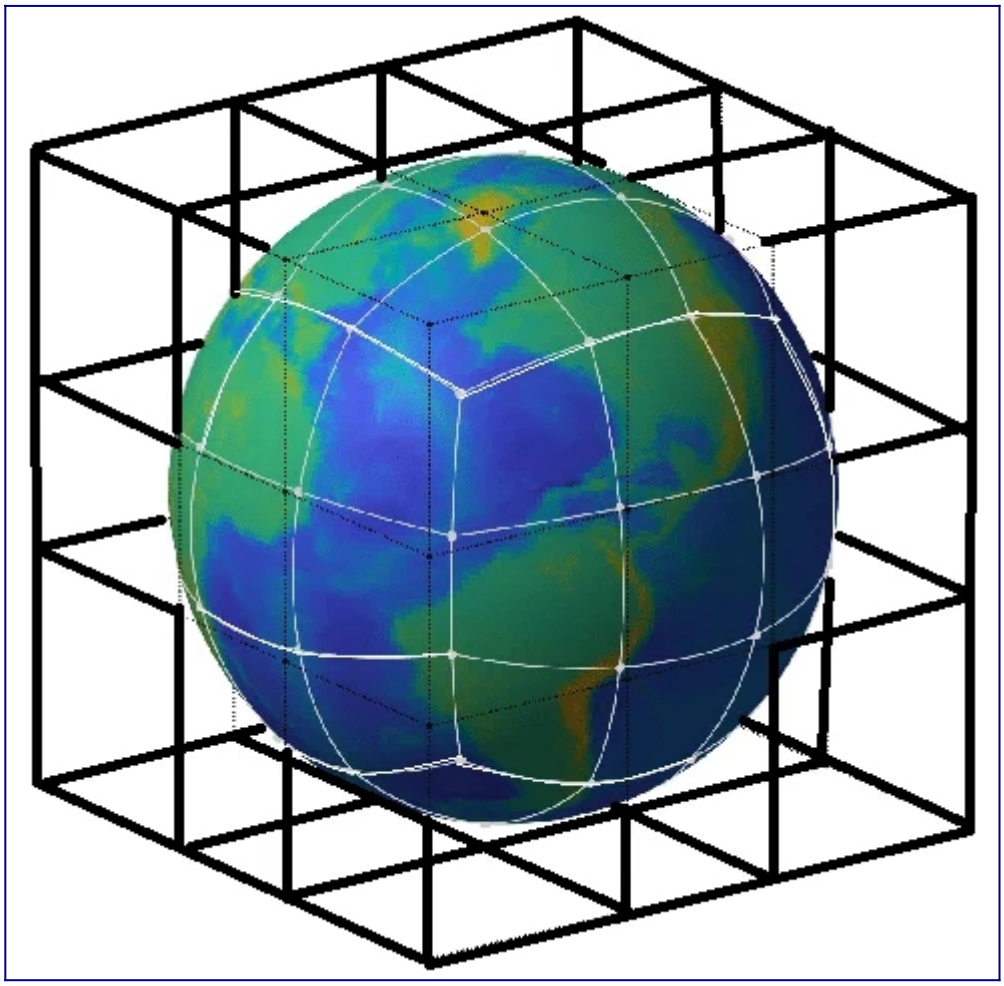
23 Jan 2024
GLOBTARD works for me.



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23 Jan 2024
Like this... yewtu.be/watch?v=BBqIlBs5…

Rick and Morty - Quantum Carburetor Scene

"Jesus, Morty. You can't just add a Sci-Fi word to a car word and hope it means something."

youtube.com
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23 Jan 2024
Yes, he needs put forth vocabulary reference KEY if he want's to change the standard.
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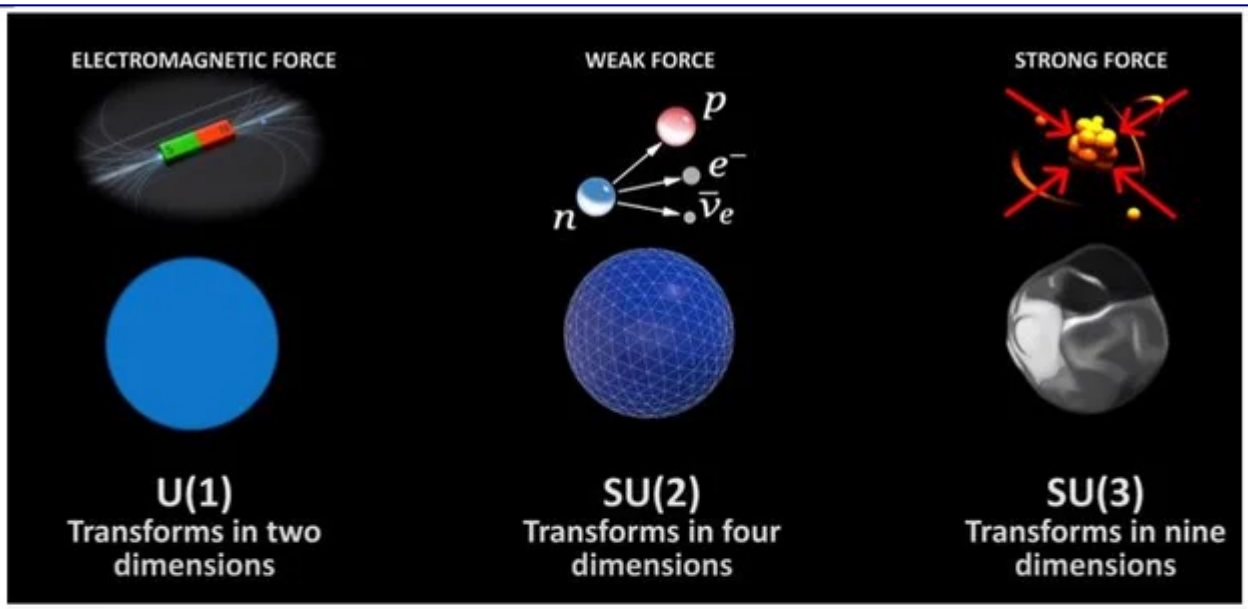
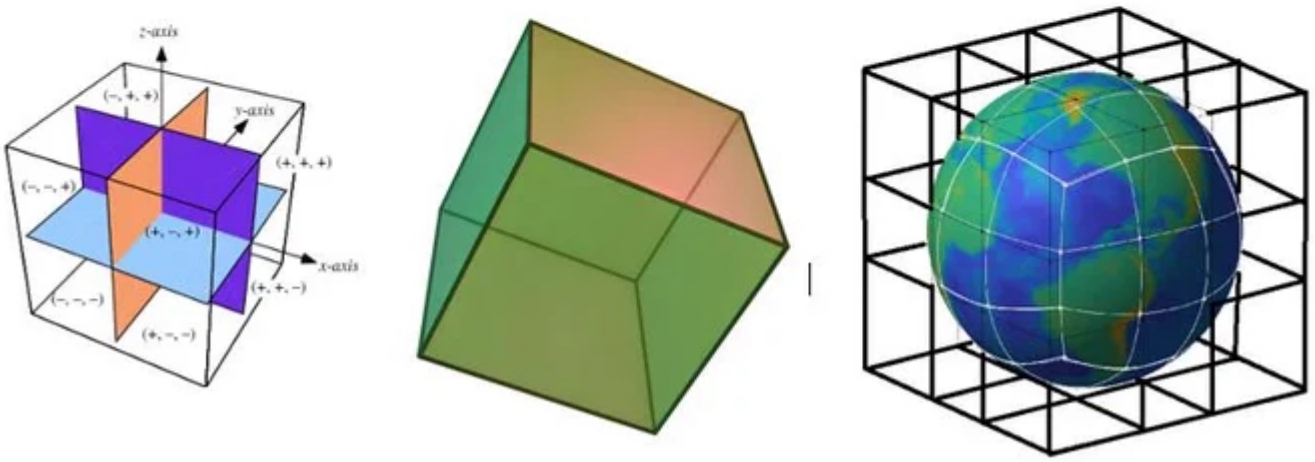
23 Jan 2024
TESLA kept NATURES SECRET, Universal Dynamic Force Transfer of 3 x 6 x 9 Model. Result of Tesla Keeping this Secret: They teach Fake 4 Forces of Nature and eveyone blindly repeat fake chorus.





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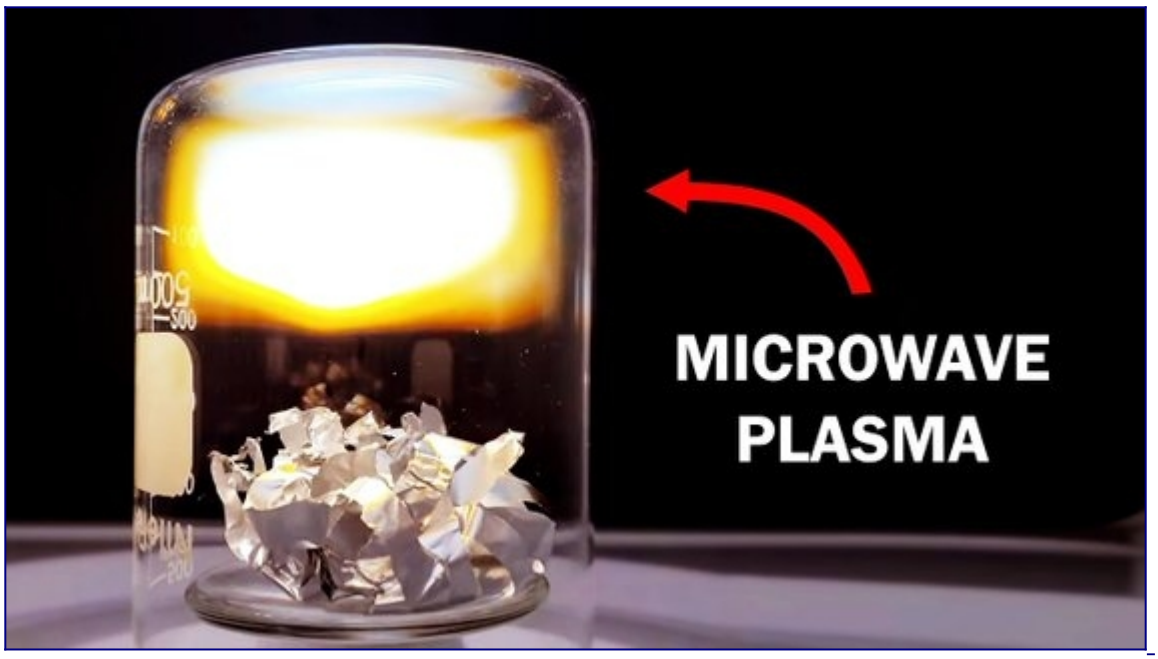
[@TMBSPACESHIPS](#)
[22 Jan 2024](#)
In this video this guy demostraits how to Blow up baloon of Vacuum-Plasma on UAP Fuselage skin. [yewtu.be/watch?v=l0u8Vtf2…](#)



The microwave plasma mystery

Sometime last year, I got really interested in microwave plasma, which can be made from a lot of things like lit matches, aluminum foil or just some grapes. ...

youtube.com

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22 Jan 2024
Replying to @AshtonForbes @ashtonforbes
Name has changed, Today it's INTERNATIONAL SOCIALIST DEMOCRATIC WORKERS PARTY or GLOBALIST for Short.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
22 Jan 2024
Replying to @Unexplained2020
Cosmic Rays are fully capable of Nuclear Transmutation, The Rays cause large quanta of Inelastic Collisions and push lighter atomic Nucleic away from the charging field, Primarily Hydrogen Nuclei, in more simple words. The Hydrogen inside the person turns to Metalic Salts such as Li, Na, K.....

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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19 Jan 2024
Replying to @BillyZigouras
And somtimes Mystical Magical University Mage Dr. Worthless PhD tell you lies like.... GRAVITON : Mystical Magical Gravity "PARTICLE".

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
17 Jan 2024
Don't forget,,,these Alien visitors.... Cuban Intelligence, Nicaraguan Intelligence and Venezeualian Intelligence on the Southern Ailen Boarder Invasion !!!

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16 Jan 2024
Replying to @AceOfHeartz86

NEWTON

2-D You, $F = G(\frac{m1m2}{r^2})$ You looking at God.

3-D GOD $F = Gr^3$ God looking at You

It is between God and You.

3-D YOU $F = G(\frac{m1m2}{r^3})$ Looking at God.

You can use both points of view to put you in a better relationship. Newton didn't lie.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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15 Jan 2024
Replying to @AceOfHeartz86
Here tell, Tesla liked these crystal alot. That was popular at the time for weight loss and long shifts at Wardyncliff

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
15 Jan 2024
Replying to @MinkowskiInsti1
Schrodinger burns in hell for molesting his kids.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

14 Jan 2024
Replying to @XVanFleet
The CCP started as a petty gang of Murderers and Burglers banded together to War against the common man in a political way. They Banned Criticisim and it's Verbal Differerential of Metaphors, the JOKE. They started small and took over villages recruiting the worst of criminals into it's standard Criminal Gang/Mafia/THUGGEE rank structure. They got so big recruiting any criminal in China, regaurdless of offense commited. They started attacking police stations to free other criminals. If a farmer, Pesant or Common Man didn't join, they were killed on site. Survivors were made to worship CCP or Die. Xi stoned his Father, CCP was allied with Japan during WW2, whom paid CCP hansomely and provided weapons to kill Pesant, Farmers and Common Man. CCP killed famous Flying Tiger John Birch. Death to CCP !!! God Bless John Birch !!!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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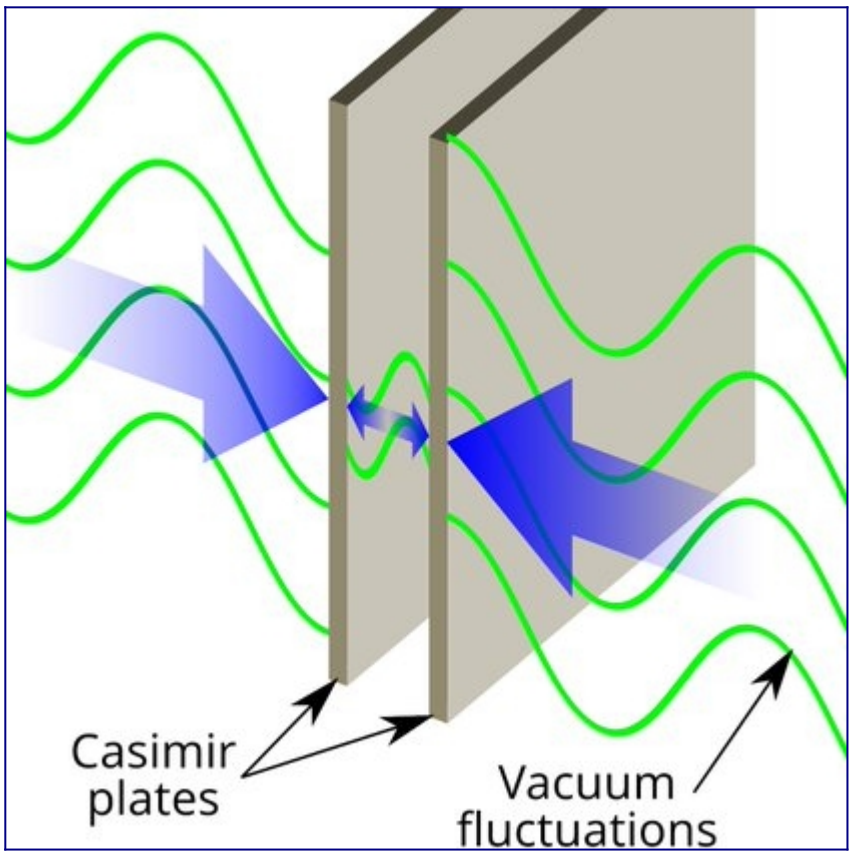
14 Jan 2024
Replying to @Matt_Bracken48
Yes, Explore like this.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
14 Jan 2024
Replying to @FilonenkoOles
God Bless Boris Katkov !!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Jan 2024
GRAVITATION is not some force deep down below. Gravity is a LOCAL force. It is at the media-media interfacial tension. Not down in Planet Not in fake Black hoe. Gravity is LOCAL Force !!!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Jan 2024
Casimir effect = me, breathless, in the middle of a Big Foot Sandwitch !
en.wikipedia.org/wiki/Casimi…



Casimir effect - Wikipedia

en.wikipedia.org
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12 Jan 2024
Dilithium Crystals are real.

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@TMBSPACESHIPS
12 Jan 2024
We are Put Up not Shut Up. We go there....

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12 Jan 2024
First thing I want to do when I get to Mars is... dump about 2 months worth of household garbage then leave.....
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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12 Jan 2024
Warning: Unlicensed Alien Mechants are trying to shut down small family run Grocery Stores with Cheap CCP labor.

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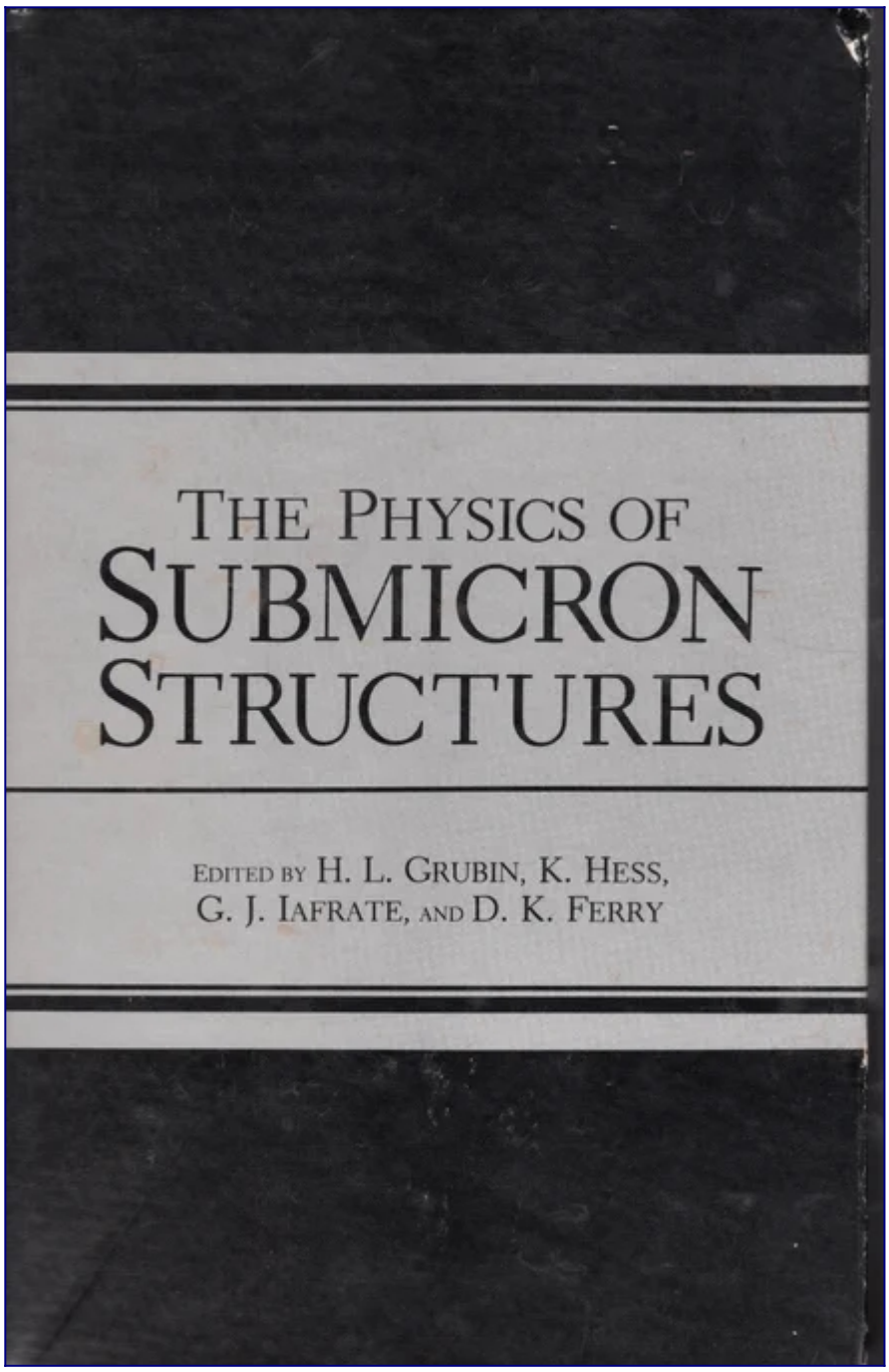
12 Jan 2024
. Dis is ROBLOX gamer cheatbook.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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11 Jan 2024
Look it Mystical Magical Mage who do magik trick of making kids disappear. Burn in Hell B! +c# ! ....someday I'll tell you how I really feel !!!

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11 Jan 2024
Sorry, I only watched Star Trek... I didn't learn Kilingon.
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@TMBSPACESHIPS

11 Jan 2024
If u heat sumtin up u c@n measure the Magnetic field futher away, till you hit the Curie anvil, then, r3 field has sudden Exponential drop off of r2 field coupling and coupling to only large local macro r3 universe. This unjuncture of r2 from r3 fields at the Curie anvil breaks all magnataisim by pullin expanded weak r2 field hystresitically to align with even larger fine macro powerful fisting fields in the surrounding media.
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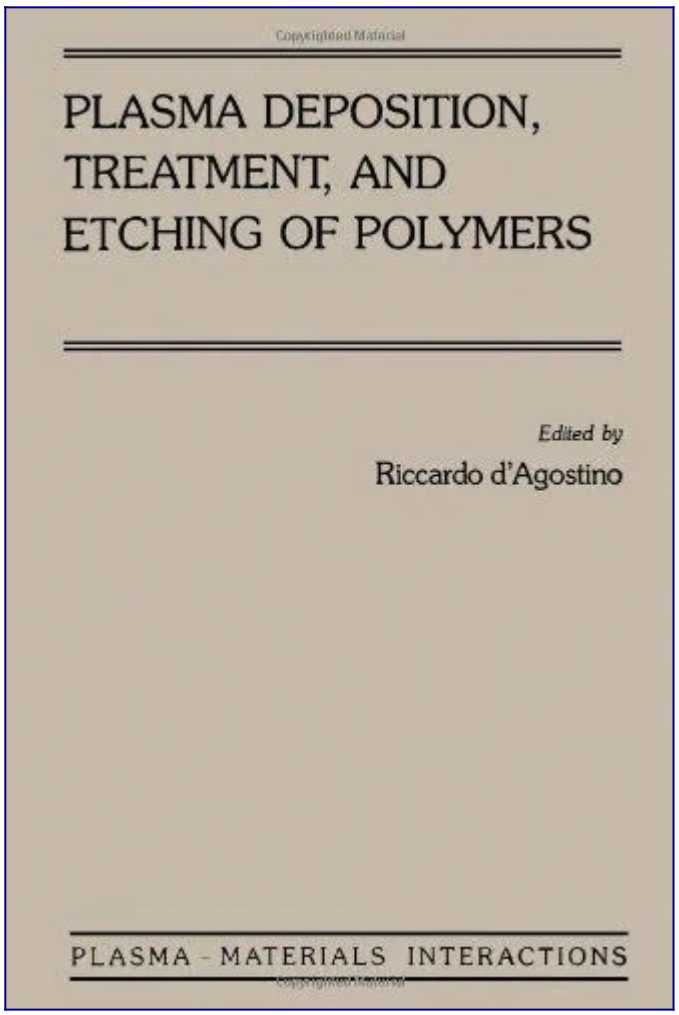
11 Jan 2024
Schrödinger taught me the Universe is moving and nuttin is not moving therefore, there will be no absolute zero or zero degrees Kelvin in nature, due to the force (of moving universe) . So Schrödinger taught me There is such a thing as +0 and -0 or TENDENCY to never be still. Schrödinger also taught me that you will burn in hell if you molest children. Silliously go look up this PERV POS Schrödinger. .
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jan 2024
HEY Mystical Mage of the r2 tinyverse who put magic knot spell on common man. Here tie this..... Where my Electric Propulsive Spacecraft beliver in fake Time Macheen!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jan 2024
Mystical Magic Space CuCu Crustals. space.com/space-rock-crystal…

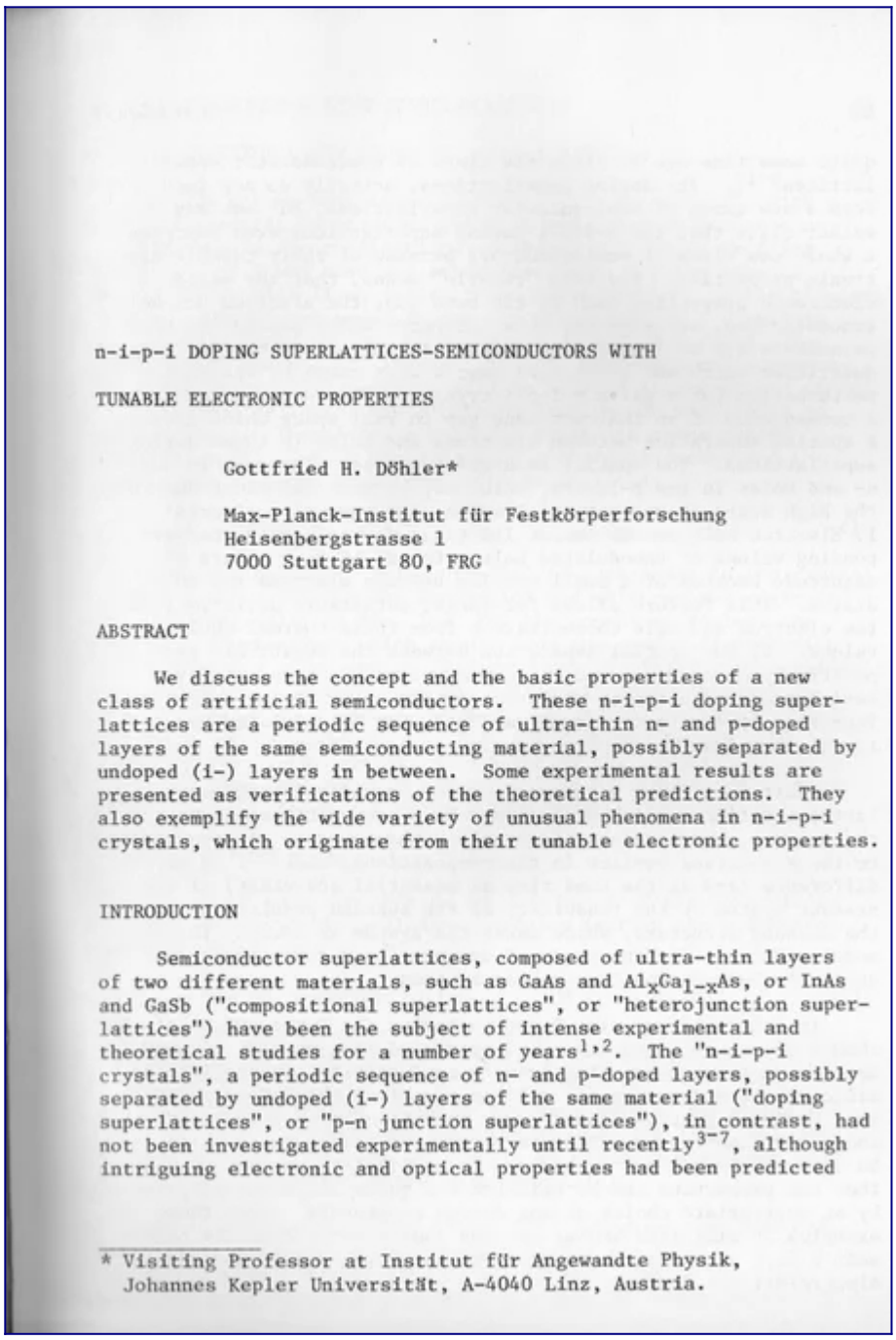
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jan 2024
This book taught me I have to BURN r3 into the 2D r2 chunky ROBLOX Universe.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Jan 2024
Plasma = Vacuum It streches in electric fields. It is transp@rent like Hydrogen but(hurt) get Lumonious like sun when stretched. Transparent in 0, -1,+1 state.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Jan 2024
The more post you read the more stupid you'll feel!!!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
11 Jan 2024
This taught me Tiny Verse is like 2d game of Hopscotch. Land on wrong square and you are unstable like Karen. This chapter also universal Combination Lockpicking Manual (for stability and long,long,long,longdong stability, if you know how to play r3 hopscotch. Lesson plan for tiny tiny r2 universe only no r3. So everything chunky like ROBLOXs.



n-i-p-i DOPING SUPERLATTICES-SEMICONDUCTORS WITH

TUNABLE ELECTRONIC PROPERTIES

Gottfried H. Döhler*

Max-Planck-Institut für Festkörperforschung
Heisenbergstrasse 1
7000 Stuttgart 80, FRG

ABSTRACT

We discuss the concept and the basic properties of a new class of artificial semiconductors. These n-i-p-i doping superlattices are a periodic sequence of ultra-thin n- and p-doped layers of the same semiconducting material, possibly separated by undoped (i-) layers in between. Some experimental results are presented as verifications of the theoretical predictions. They also exemplify the wide variety of unusual phenomena in n-i-p-i crystals, which originate from their tunable electronic properties.

INTRODUCTION

Semiconductor superlattices, composed of ultra-thin layers of two different materials, such as GaAs and $Al_xGa_{1-x}As$, or InAs and GaSb ("compositional superlattices", or "heterojunction superlattices") have been the subject of intense experimental and theoretical studies for a number of years[1,2]. The "n-i-p-i crystals", a periodic sequence of n- and p-doped layers, possibly separated by undoped (i-) layers of the same material ("doping superlattices", or "p-n junction superlattices"), in contrast, had not been investigated experimentally until recently[3-7], although intriguing electronic and optical properties had been predicted

* Visiting Professor at Institut für Angewandte Physik, Johannes Kepler Universität, A-4040 Linz, Austria.

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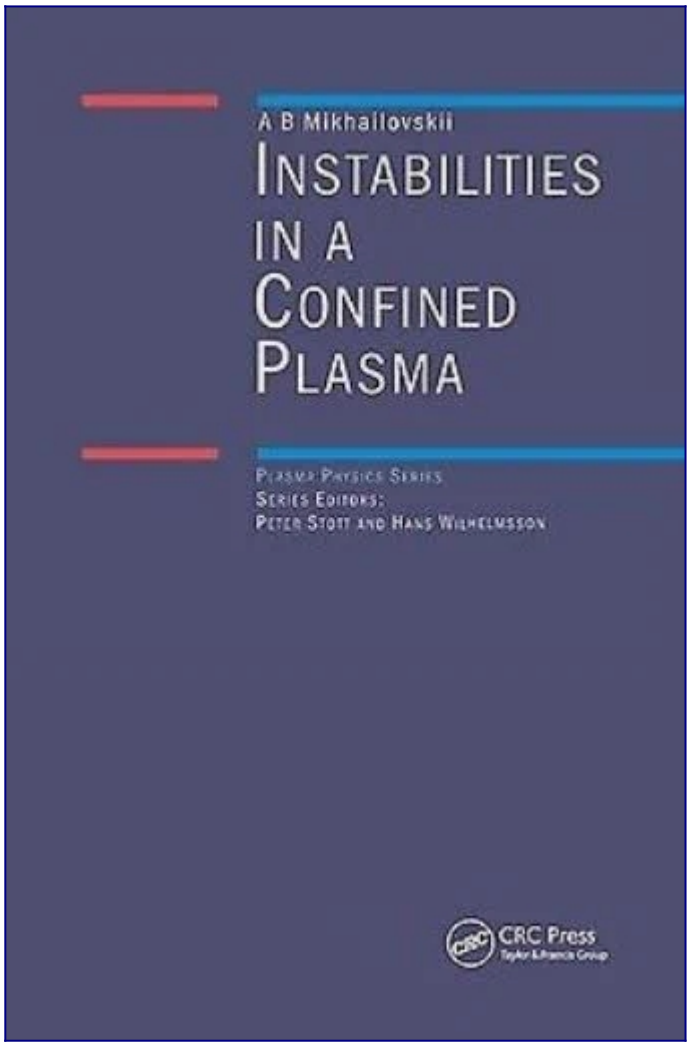
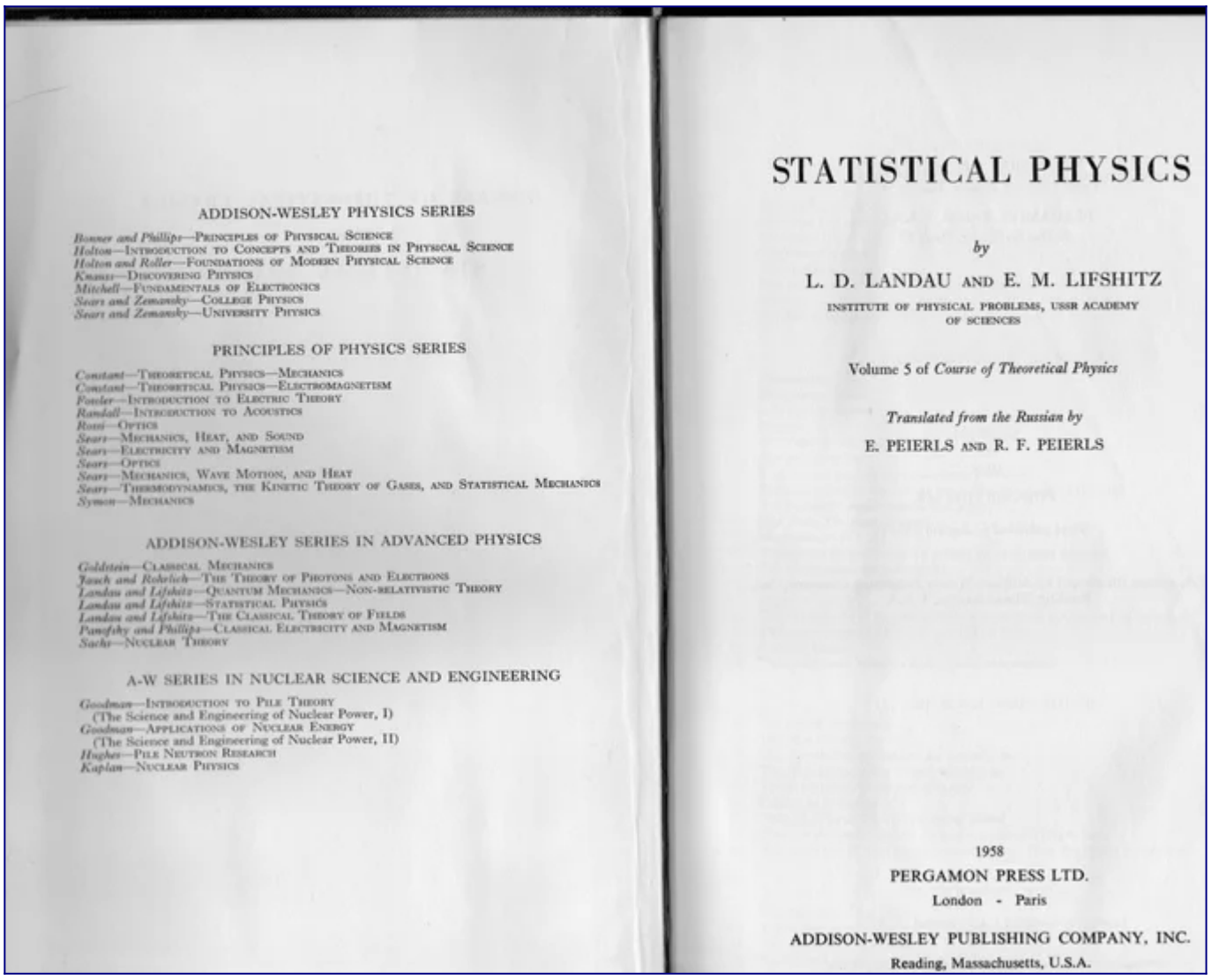
@TMBSPACESHIPS
11 Jan 2024
Replying to @Danfromumbrella @richgel999
To many Eigeneering constraints. Shape have problem breaking ground plane.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jan 2024
Replying to @richgel999
On a serious note there is high proability that some Aliens have some real junky garbage skows that sould be turned into toasters.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Jan 2024

This book taugh me Magical Fire/vacuum don't want to be kept in bottle like genie. Magical Fire/Vacuum like to be around things not in things. When Magical Fire/vacuum streched with Electricity it glows cause e wants to spin on to k, and k wants to spin on m, and M wants to spin on e.....picture. Must have 2D electricity oscillating on fuselage skin to bounce air off when creating bubble of vacuum.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Jan 2024
NEWTON : for every action there is an oposite and equal reaction. Q1: WHERE is the UPWARD DISPLACEMENT of Gravity ? Anyone with Math or Physics PhD degree deserve all money back they pay for worthless degree. They aren't giving you a Electric Propulsive Spacecraft. Magical Mages pat themselves on the back for no reason.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Jan 2024
In this book Lev taught me to convert my Poser 2D r2 Pig Latin to 3D r3.



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STATISTICAL PHYSICS

by

L. D. LANDAU and E. M. LIFSHITZ

INSTITUTE OF PHYSICAL PROBLEMS, USSR ACADEMY OF SCIENCES

Volume 5 of *Course of Theoretical Physics*

Translated from the Russian by

E. PEIERLS and R. F. PEIERLS

1958

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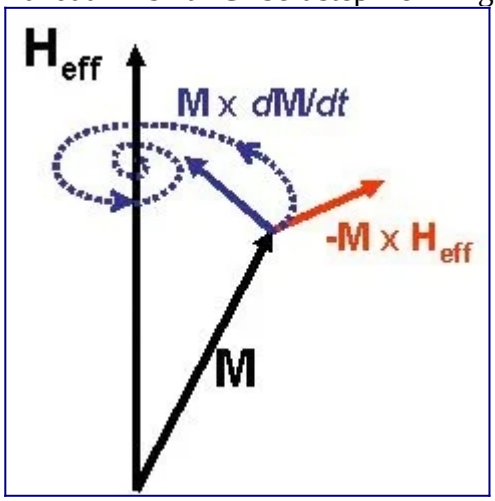
Landau-Fifshitz-Gilbert step from Big curvey r3 universe to tiny tiny r2 world of continious lattice.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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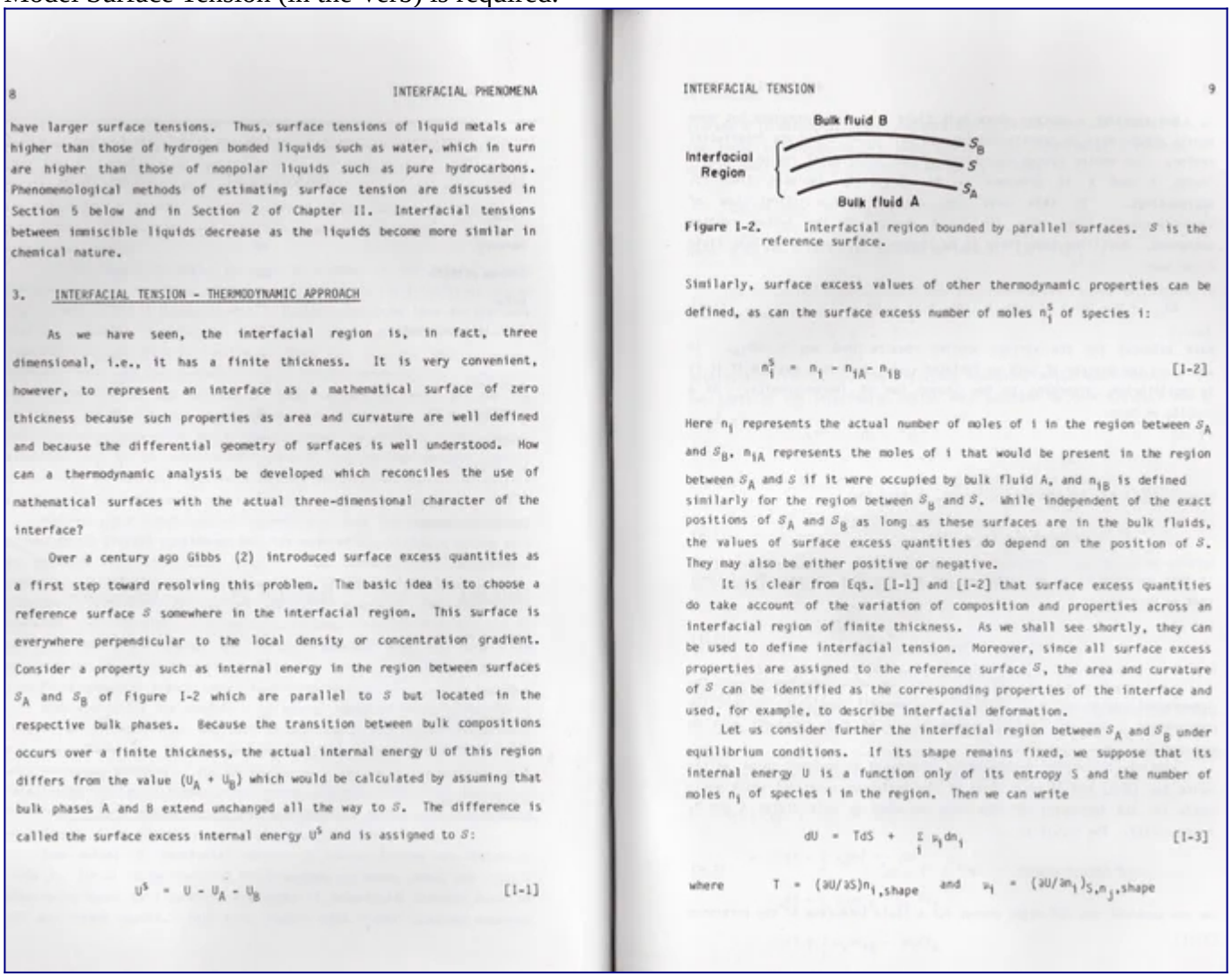
Real Electric Propulsive Spacecraft Eigneers need to be familiar with Interfacial Tension to the point they can write there own Book on Magnetic Fields Transfer in Interfacial Tension. All Books teach either E, K or both, but not M. A prestudy of 2D Differentials with Boundary Layers and Model Surface Tension (in the Verb) is required.



8 INTERFACIAL PHENOMENA

have larger surface tensions. Thus, surface tensions of liquid metals are higher than those of hydrogen bonded liquids such as water, which in turn are higher than those of nonpolar liquids such as pure hydrocarbons. Phenomenological methods of estimating surface tension are discussed in Section 5 below and in Section 2 of Chapter II. Interfacial tensions between immiscible liquids decrease as the liquids become more similar in chemical nature.

3. INTERFACIAL TENSION - THERMODYNAMIC APPROACH

As we have seen, the interfacial region is, in fact, three dimensional, i.e., it has a finite thickness. It is very convenient, however, to represent an interface as a mathematical surface of zero thickness because such properties as area and curvature are well defined and because the differential geometry of surfaces is well understood. How can a thermodynamic analysis be developed which reconciles the use of mathematical surfaces with the actual three-dimensional character of the interface?

Over a century ago Gibbs (2) introduced surface excess quantities as a first step toward resolving this problem. The basic idea is to choose a reference surface S somewhere in the interfacial region. This surface is everywhere perpendicular to the local density or concentration gradient. Consider a property such as internal energy in the region between surfaces S_A and S_B of Figure I-2 which are parallel to S but located in the respective bulk phases. Because the transition between bulk compositions occurs over a finite thickness, the actual internal energy U of this region differs from the value $(U_A + U_B)$ which would be calculated by assuming that bulk phases A and B extend unchanged all the way to S. The difference is called the surface excess internal energy U^S and is assigned to S:

$$U^S = U - U_A - U_B \qquad [I\text{-}1]$$

INTERFACIAL TENSION 9

Figure I-2. Interfacial region bounded by parallel surfaces. S is the reference surface.

Similarly, surface excess values of other thermodynamic properties can be defined, as can the surface excess number of moles n_i^S of species i:

$$n_i^S = n_i - n_{iA} - n_{iB} \qquad [I\text{-}2]$$

Here n_i represents the actual number of moles of i in the region between S_A and S_B. n_{iA} represents the moles of i that would be present in the region between S_A and S if it were occupied by bulk fluid A, and n_{iB} is defined similarly for the region between S_B and S. While independent of the exact positions of S_A and S_B as long as these surfaces are in the bulk fluids, the values of surface excess quantities do depend on the position of S. They may also be either positive or negative.

It is clear from Eqs. [I-1] and [I-2] that surface excess quantities do take account of the variation of composition and properties across an interfacial region of finite thickness. As we shall see shortly, they can be used to define interfacial tension. Moreover, since all surface excess properties are assigned to the reference surface S, the area and curvature of S can be identified as the corresponding properties of the interface and used, for example, to describe interfacial deformation.

Let us consider further the interfacial region between S_A and S_B under equilibrium conditions. If its shape remains fixed, we suppose that its internal energy U is a function only of its entropy S and the number of moles n_i of species i in the region. Then we can write

$$dU = TdS + \sum_i \mu_i dn_i \qquad [I\text{-}3]$$

where $T = (\partial U/\partial S)_{n_i,\text{shape}}$ and $\mu_i = (\partial U/\partial n_i)_{S,n_j,\text{shape}}$

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Ed Teller knew how to compress r4 and r5 dimensional structures. Ed Teller arrived at Los Alimos with a suitcase full of supernukes he had been designing since he first understood r3 dimensional force transfers. Ed Teller believed mankind would need Ant-Matter magic PuPu Crystal science when we contact alien civilization. He believed aliens might have a communsit social structure and need to be wiped from history. Ed Teller went crazy from the r4 and r5 demons talking to him. God Bless Ed Teller ! I stink.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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10 Jan 2024

Replying to @planethunter56
That 1st one works at the Post Office on Main.

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10 Jan 2024

NASA is going places and doing things.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Jan 2024
Hey Michio poser Mystical Mage, I'm calling out that Time Macheen theory!

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10 Jan 2024
Evgeny and Lev taught me Model Object 3 Axi (of 2D Axi Forces) Model Media 6 sided Cube(Foci) Model Interfacial Transfer 9D Matrices (Verb in Action) that is BIG WORLD of r3.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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10 Jan 2024
Lev Landau and Evgeny Lifshitz wrote 10 sequential Textbooks to build a firm foundation in r3 Dynamic Modeling Methods. I find this lesson unparalleled in Acedumia anywhere. Lev and Evgeny consistently teach incorporation of 2D 3-Axial Atomic Forces throughout the textbook series. If you go through all textbooks sequentially and are able to fully understand all the textbooks and all the Exercises to full proficiency (without arrogance) you will Know Ms. 2D like that crazy X she was. You will marry Beat'in up old and Hated Babooska Ms. 3D Gravity for LIFE. With Native Field Gradients…… (MILF mom with kids)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
10 Jan 2024
Hey Noisy Boy and Lady who put 2 consonant together. We come to antique your NON-FAA-BABY RATED BOTTLE ROCKETS!!!! We bend over Spaxe X and make her Janitor's little B! +c# !!!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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10 Jan 2024
Replying to @BrightInsight6 @Mind_Is_Rising
Evil Empire want to Freeze Ground Water and ransom back to common man with scam fake megadrought. CO2 sequestration into ground freezes ground water in aquafers. Purpose: To kill common man.
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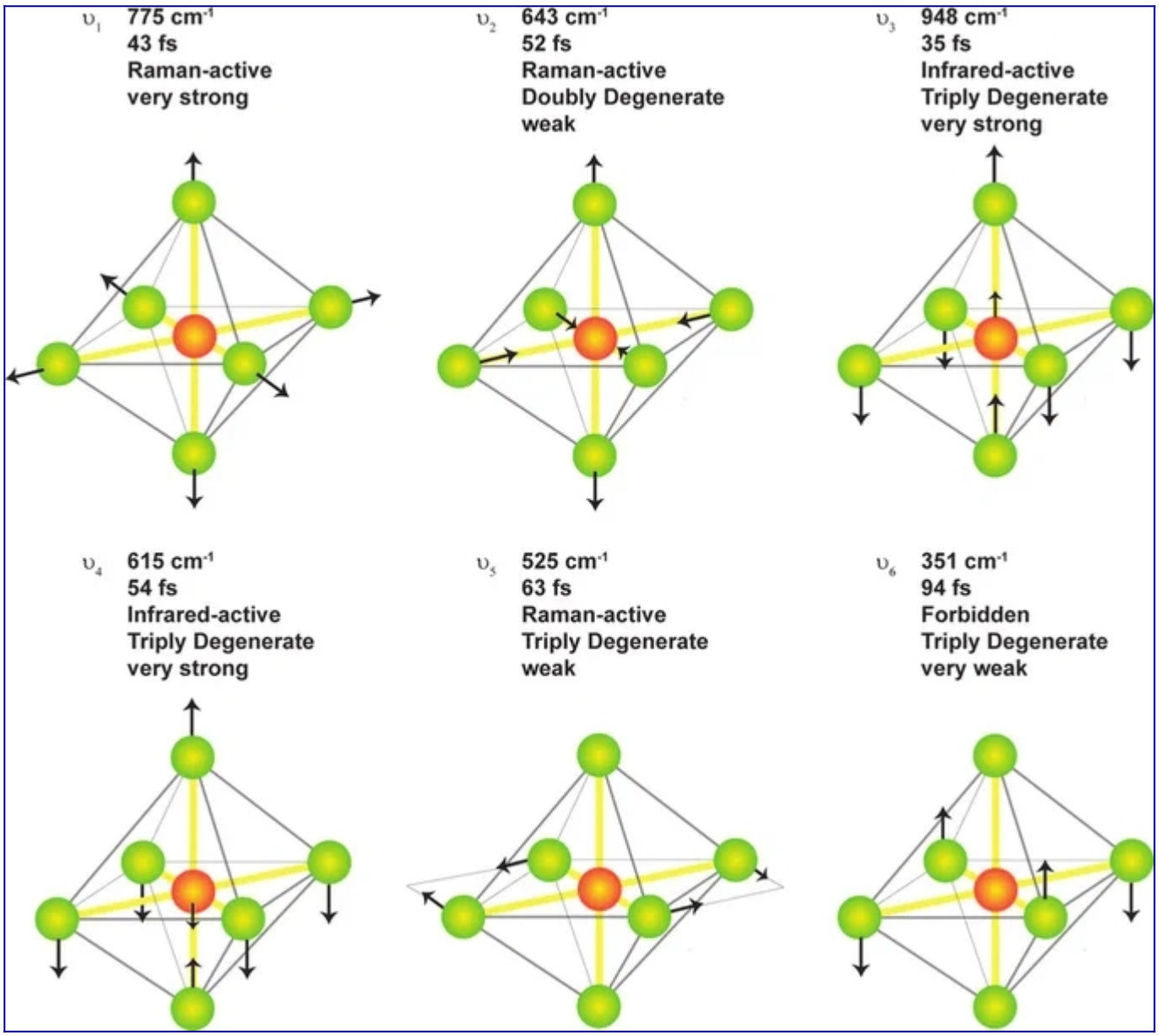
Combination Lock of SF6.



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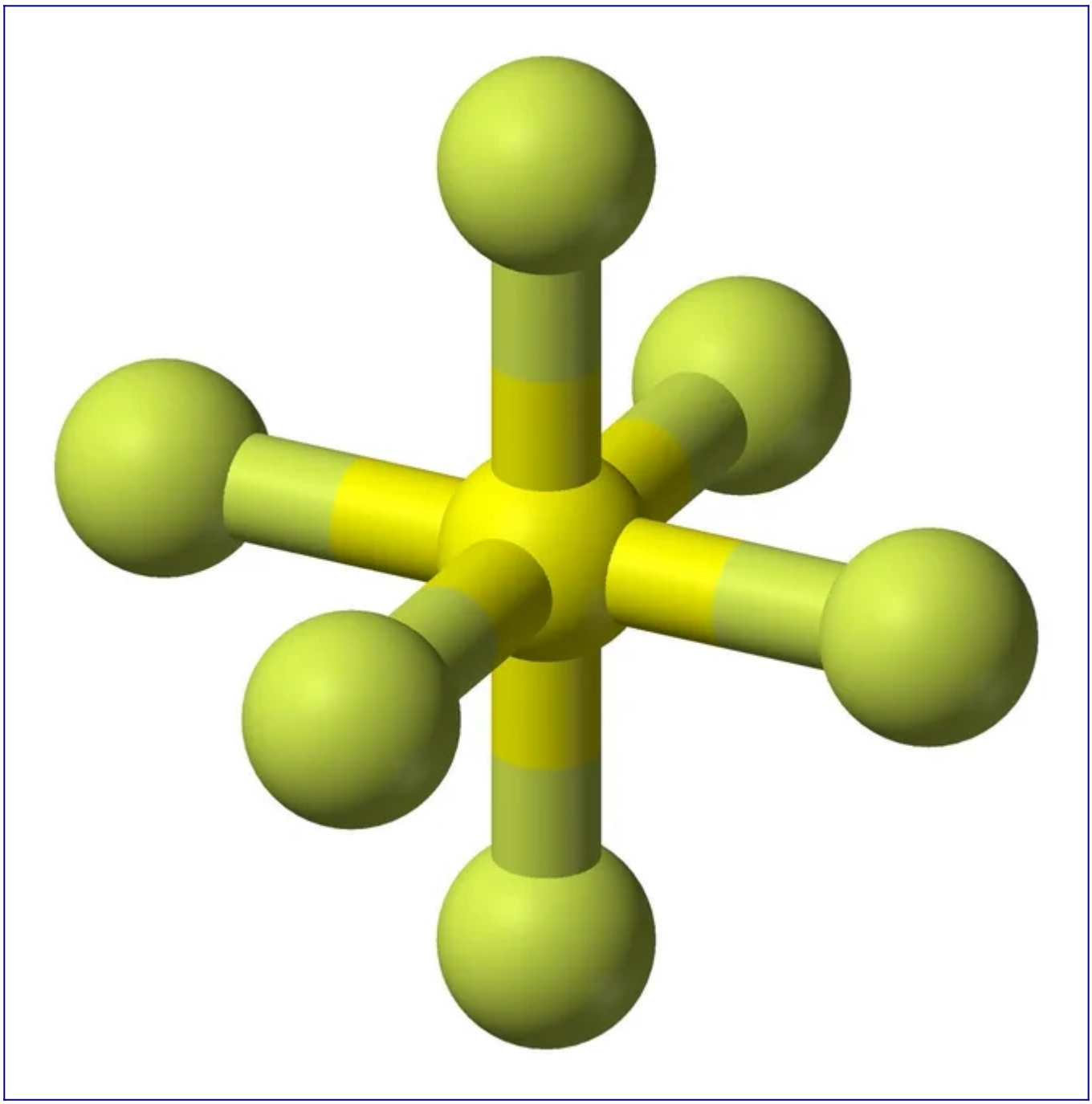
10 Jan 2024

What does SF6 have to do with Special Janitor Sauce ?



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Spaceship designer should only consider Unmanned vehicle first or you are poser with no Eigeneering skills. Manned model without math model and proven redundant systems is failure. Even tiny manned airplanes have 2 Magnetos for redundancy. Janitor has big mess to clean up.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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9 Jan 2024

ACADEMIA has taken a Microscope to examine the Empire state building. They only see Shadows and Ghost but not building.

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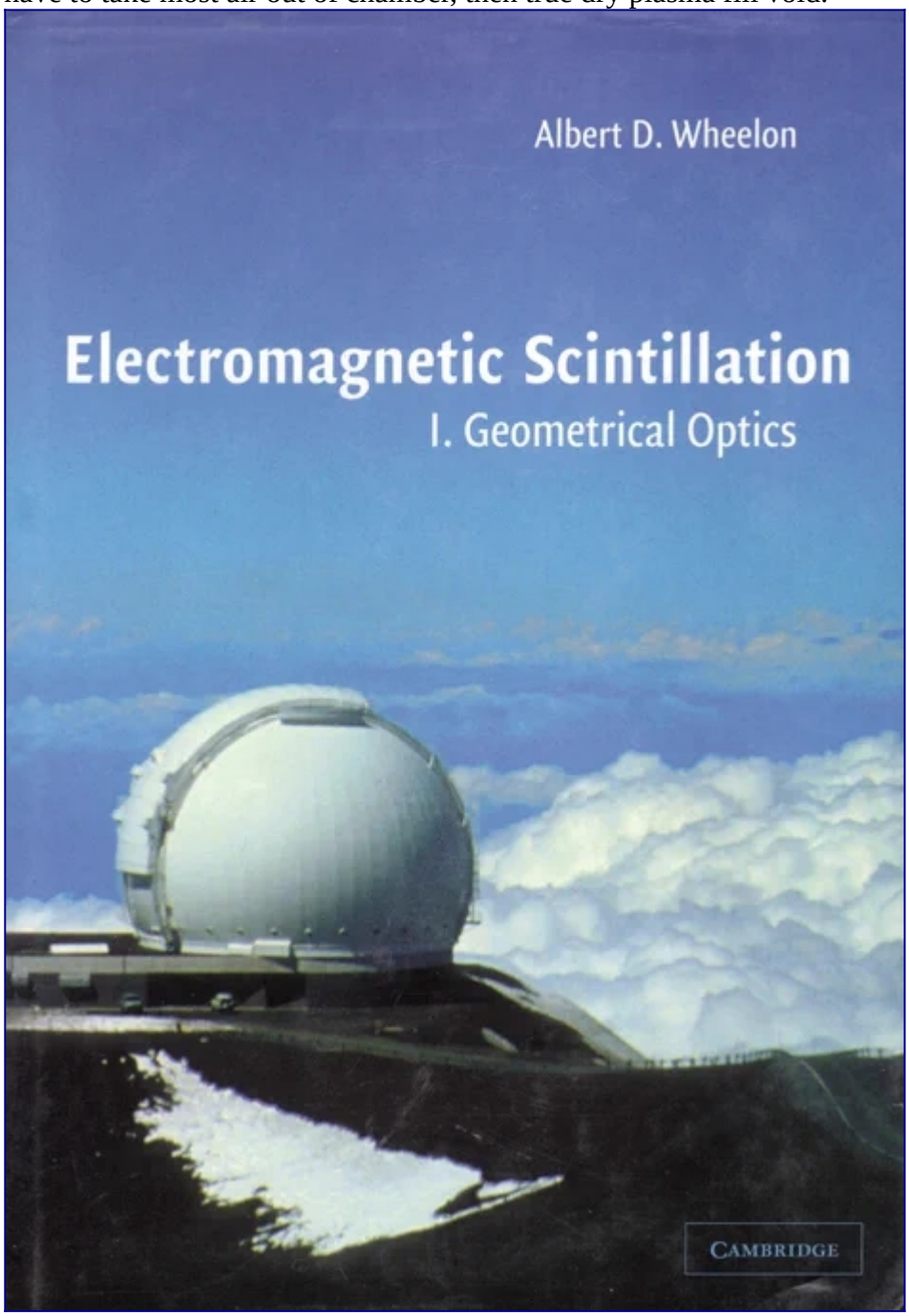
9 Jan 2024

This book taught me about pretty sparklers from Plasma mixing Pushing against Gass atmosphere of Planet. then God taught Plasma has Physical "Field" Dimensions unlike Solid which have small dimensions. Plasma like to be around thing, but not inside of things. If you put it inside something and squeeze Plasma to hard it Glows like fire from Stresses on K shell of Ionized material. You have to take most air out of chamber, then true dry plasma fill void.



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Gotta get dis otta da way before I get my ELECTRIC PROPULSIVE SPACECRAFT.

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@TMBSPACESHIPS
9 Jan 2024
Replying to @invertedworld9 @BrockRiddickIFB
Currents of passing Solar Filaments .
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Replying to @ronin19217435
MEGA-POSERS!!!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Replying to @BrockRiddickIFB
The vacuum of space is a Media of ultra low plasma that couples it's surface tension by Electrocapularitic coupleing of K.
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9 Jan 2024
1 FOCI is 6 sided cube in the Empiricle.
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9 Jan 2024
Hint: 3 AXI of Force = 1 FOCI of existance followed by Ant-matter on the backside.
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@TMBSPACESHIPS
9 Jan 2024
Hey Bu(($#!+ Factory, I'm gonna make you my B!+C# !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

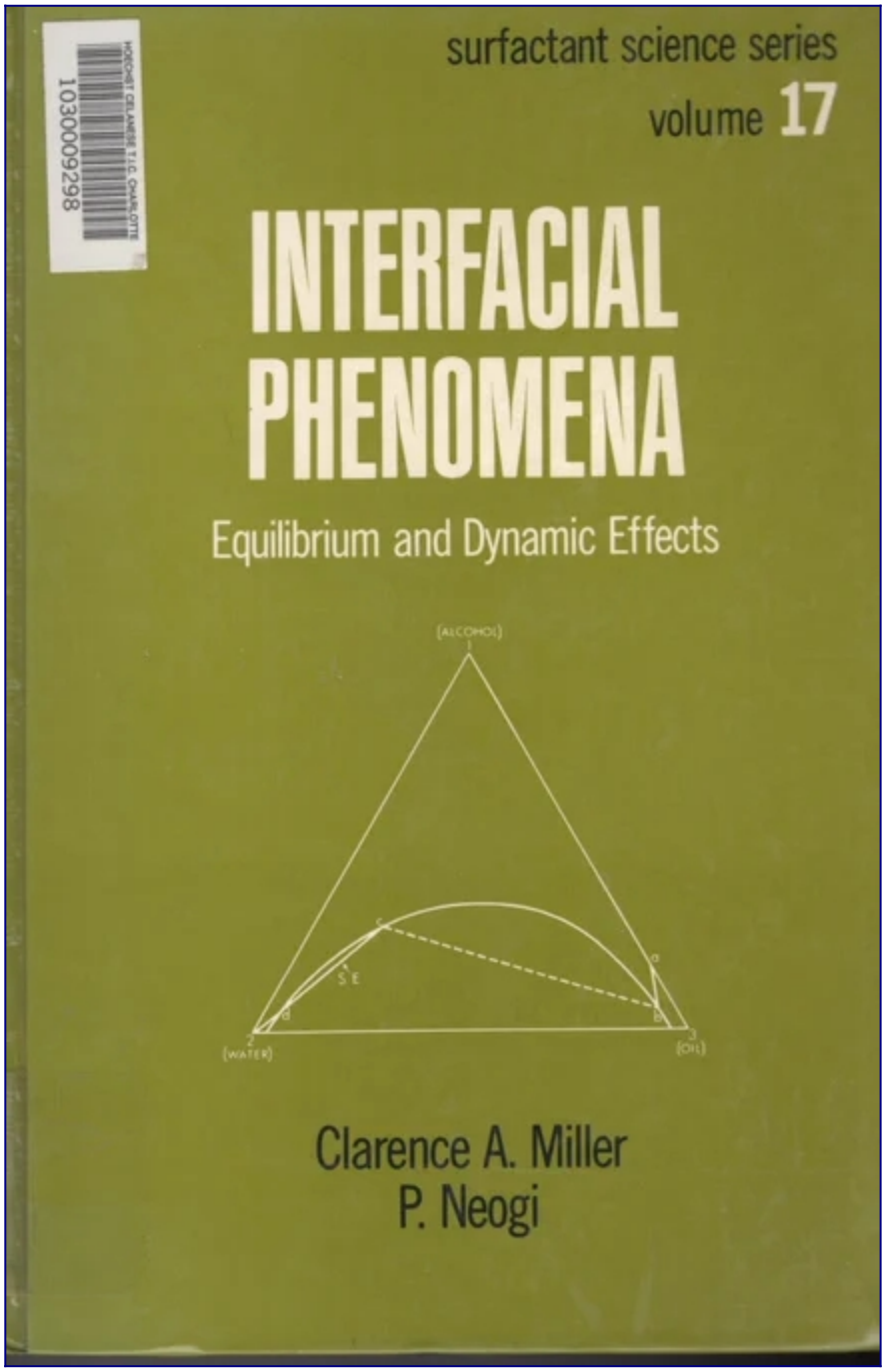
9 Jan 2024
HEY APEC! WATCH THIS.....

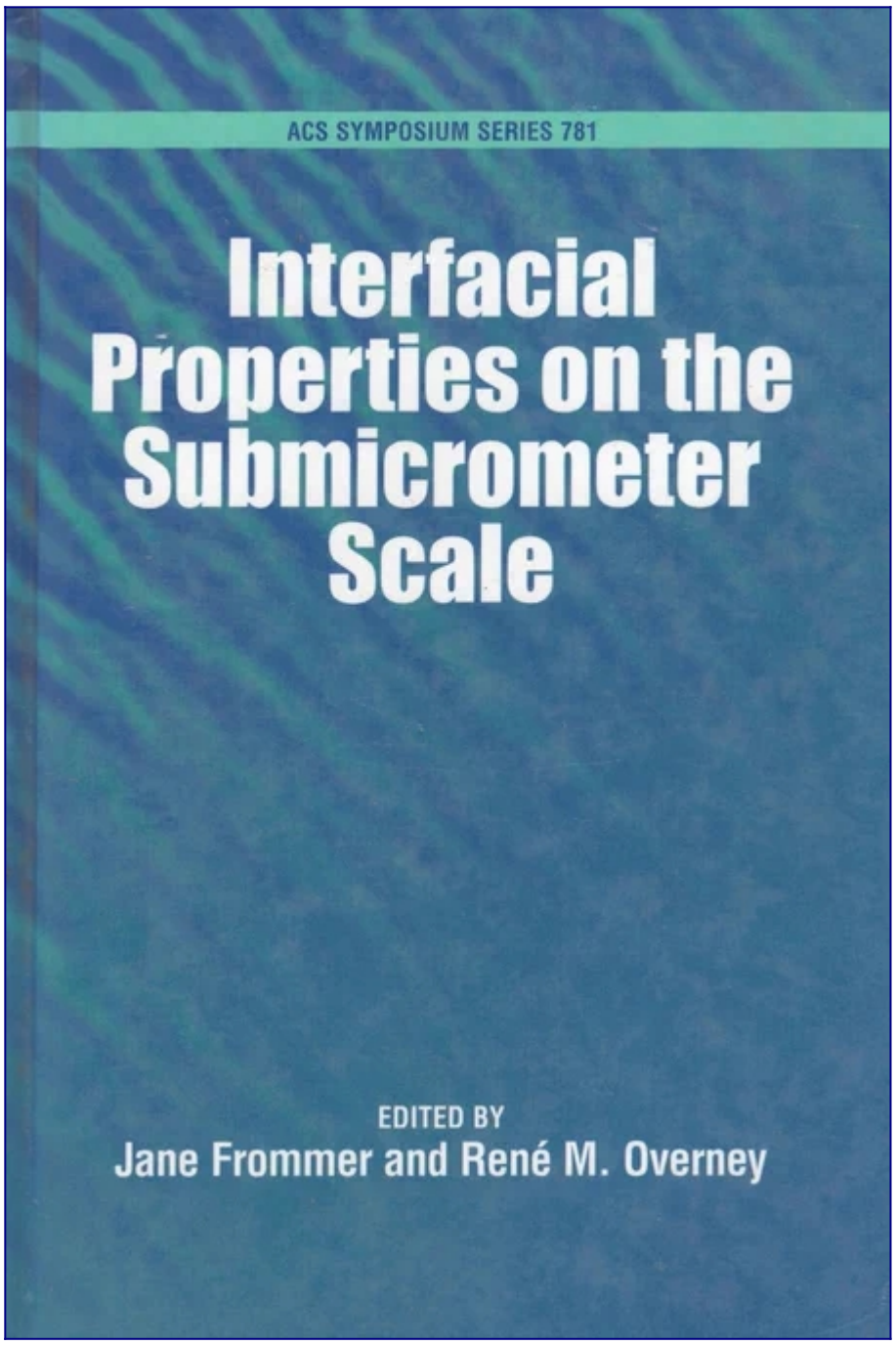
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS would never Eigeneer Stupid Tekgnawlagee like Space Docks the Kill everyone on FOD WALK when someone plugs in hairdryer. That's stupid eigeneering.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Replying to @keidium
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS will give it back.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Aren't those little girls pretty. From Left to right we have, Joe Firmage Eric Wienstieberg Daniel Sheehan

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Replying to @TMBSPACESHIPS @Billschwandt1
3 Axi = 1 Foci
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

9 Jan 2024
Replying to @TMBSPACESHIPS @Billschwandt1
2 more Axi incomplete without reference to Foci.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
9 Jan 2024
Replying to @Billschwandt1
one one Axis of force.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jan 2024
These Ancient Mystical Pig Latin Text on Tiny Tiny r2 world told me Gravity is Local, Not some distance action as NASA says. Gravity is at the Bounary Layers between you and the Surrounding medias Interfacial Tension.





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8 Jan 2024
Lev only tops.
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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
8 Jan 2024
Replying to @TMBSPACESHIPS @timventura @altpropulsion
God Bless Tim Ventura!!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS @TMBSPACESHIPS
8 Jan 2024
Replying to @timventura @altpropulsion

Tim; Seriously, That formula is a false impression of a function made from 8 dirivates of r2 function. It is not Impirical as it has no Native Gadient surrounding of Media. It is linear action only in Empirical no curves. Just lots of r2 angle. Tadpole and Janitor say r3 = (Spherical Curve) r2 x r2 x r2 (angle) is a triangle in the empirical. PhD blinded with worthless degree from super Poly Math Mege-Brain certificate from Uppitty University. Scarecrow got degree from wizard and blurted fake math magical mystical words. Scarecrow was same scarecrow as before, but now paper degree make arrogant scarecrow think he smart. Scarecrow had degree but was poser.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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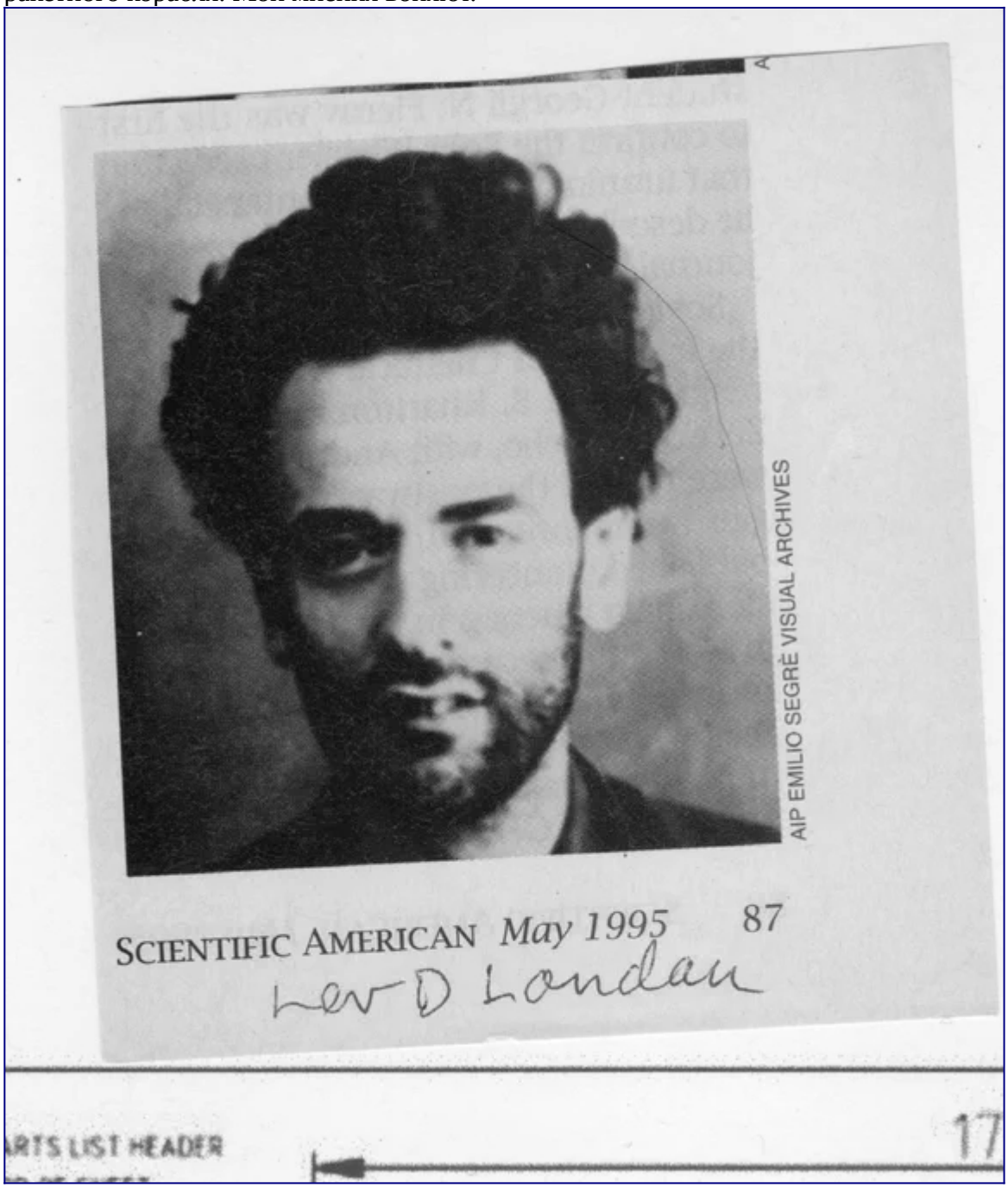
8 Jan 2024
Я считаю, что Лев Ладау был самым умным человеком 1900-х годов. он превосходит Эйнштейна и Теслу на световые годы. Лев Ландау дал нам математику электрического ракетного корабля. Мои мнения воняют.



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8 Jan 2024
Replying to @toedisciple
Then, You have fine taste.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jan 2024
Hey, the 2024 models are out.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
8 Jan 2024
Replying to @SallyMayweather @adajersanroc
But truth is Soviet Union Banned Comedy. They threw my friend Lev in jail and drove him crazy stabbing his soul. The Marxist threw Lev in jail for Joke about Marxist. Marxist also threw Alexander Solzhenitsyn in jail for a Joke. Marxist can't take jokes cause it makes Marxist Plan look stupid like Joe Firmage. Use Comedy and watch Marxist run back to shadows at Harvard Yale Uppity University
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
Replying to @Ragland1836
There's a Casino up there near Berlin and Idabel !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
How do you defeat US Nuclear weapons Launching systems. The same way the Russians can do it. You use very large Train Car size orbiting Free Electron Lasers with optically pumped hetrodyned relativistic Magic crystal Pu Pu Crystal science
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
Replying to @richgel999
I went to Narnia in 1991 to see Stud of hairy Bears and learned.... Things go up and go land in America and we, US, did not know what they are. At same time Russia knew we didin't know what anomoly's were through Kissinger. Russian's didn't want USA thinking their were rogue Soviet Marixst lost pensioner Shooting Rockets at USA. I take message from Studdly Bear and Give to worthless people up chain of appraisal knee pads. Promote Now to 1st Class Tadpole.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
Replying to @ronin19217435
That statement has no meaning.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
Kit "Suger Britches" Green has move His office to a new location. Starting Monday he will be at stall 3, at the T&A truckstop near the intersecion of I-65 and I465.

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7 Jan 2024

I love Bears. But nobody sticks up for them. #BEARLIVESMATTER Police shot this Bear for no reason and there was no Protest. Bear Lives Matter. oklahoman.com/story/news/202…

Black bear killed in Norman after attempts to tranquilize it failed

A black bear was shot an killed in a Norman homeowner's backyard early Thursday morning after attempts to tranquilize it failed.

oklahoman.com

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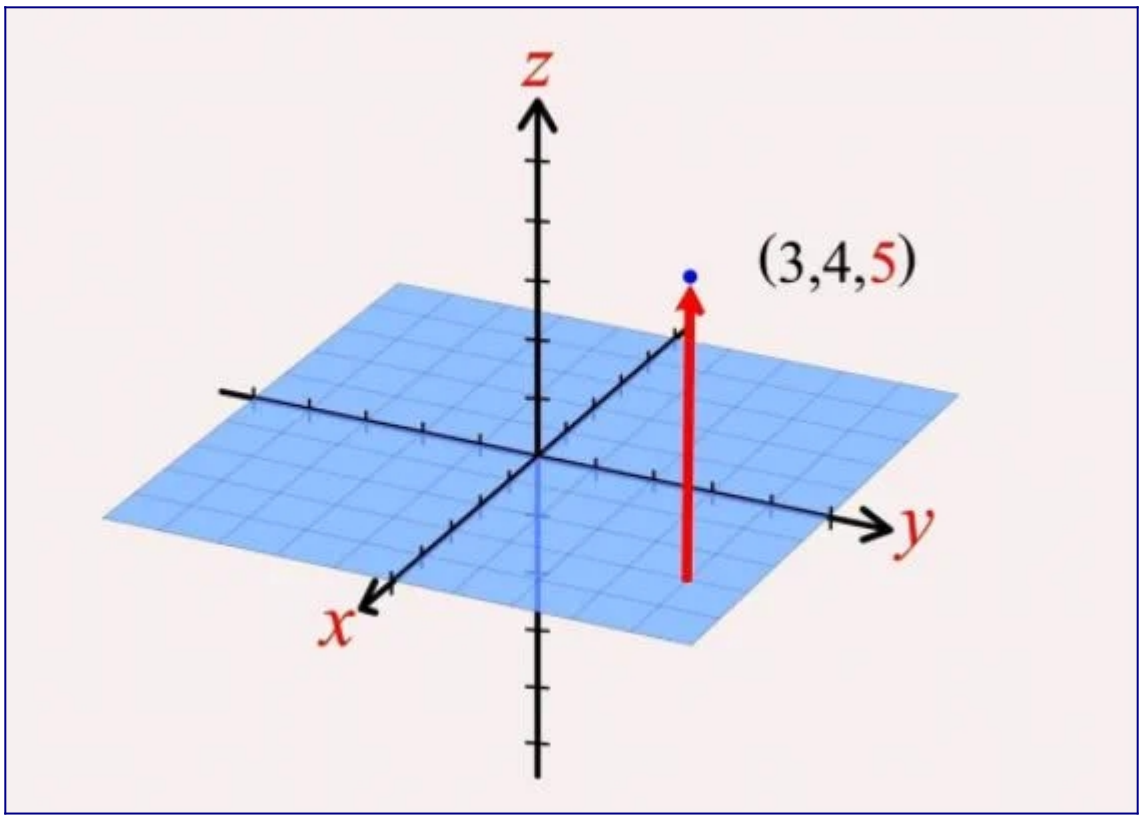
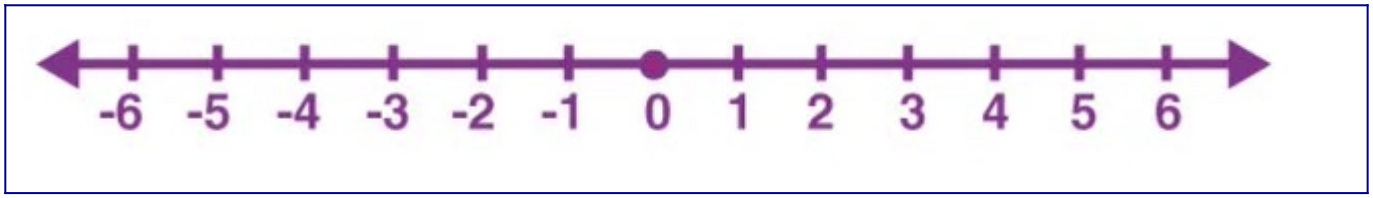
7 Jan 2024
Replying to @EndWokeness
God Bless tadpole Ashley Babbit !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
Mr. T

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
I just bought this brand new house from Joe Firmage !!!

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024

This is the Cartesian Coordinate System. It is made from 3 line numbers. The ability to educate yourself is easily turned off by Arrogance. Flat Earthers are Blind forever cause their arrogance doesn't allow them to consider other Coordinate Systems.





ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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7 Jan 2024
One time I went across the sea to Narnia and saw a Bear. Bear had Colbentz radio. I can talk to Bear if I see Bear.

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7 Jan 2024
. You ever see a star in the Heavans going thousands of miles per hour then, make a right angle turn then Did some Magical Fake Poser Dr. UAP PhD from Upitty University tell you warp drive time bending crisco wristwatch mystical mage words ? Your inertialess (weightless) when you turn the Bouyancy Field on, enabling 90 degree turns Mo Ron. I like money...
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
7 Jan 2024
I never saw any Aliens but I kept my eyes closed as promise to God. I believe in Alien planets with advanced life and crappy TV Mystiacl mages lying to them. I also belive in demons cause one time, I got 17khz constant amplitude signal moving with handheld photomultiplier of a shadow like light anomaly. Shadow thingy lowered spatial light around it. God told me when I was little, always look at these things without fear. My stinky opinion, The Supernatural cannot couple to your nervious

system without fear and cause local Kinetic ability on this plane. Don't be afraid of supernatural, don't F with supernatural, (That Real r4,r5,r6... Pig Latin make you crazy like Lev). It will be happy to F with U. Oh yea, back to the shadow thingy, I picked up a handheld Duterium calibration lamp and opend the slit and a shrill girl like scream came from shadow. Shadow was no more. I don't know what that was but it startled me. I do not judge it. Maybe it was defending it's Southern Boarder.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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7 Jan 2024
Replying to @EndWokeness @LMAO16640556
Marxist protect their Apparatchiks.

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7 Jan 2024
Replying to @NonCredibleUFOs
I can tell from the Mustache, Doty was in Dogforce in 80's that mustache probably made him look like a porn star when he was younger and it was darker. Red Chicken Brown Cow is the name the standard Chords for Porn Music. Hum the words, Red Chicken Brown Cow, Hear it.

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7 Jan 2024
Replying to @YeahmanGGG123 @USAWatchdog
They Plan on freezing the ground water in coming years to create Mega-Drought. The have to freeze the gound water before injection or it will blow out. They can freeze 8 to 10 miles around the injection site with CO2 Sequestration . This is whole sam to get taxpayer money to Freeze Ground water. BUT some phoney Fake Poser Mr. PhD will LIE with magic mystical Mage Double talk and say they 100,000,000 gallons of Liquified CO2 injectied into the well site will cause heating and not freeze ground water.

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@TMBSPACESHIPS
7 Jan 2024
Bottom Boy has new business.

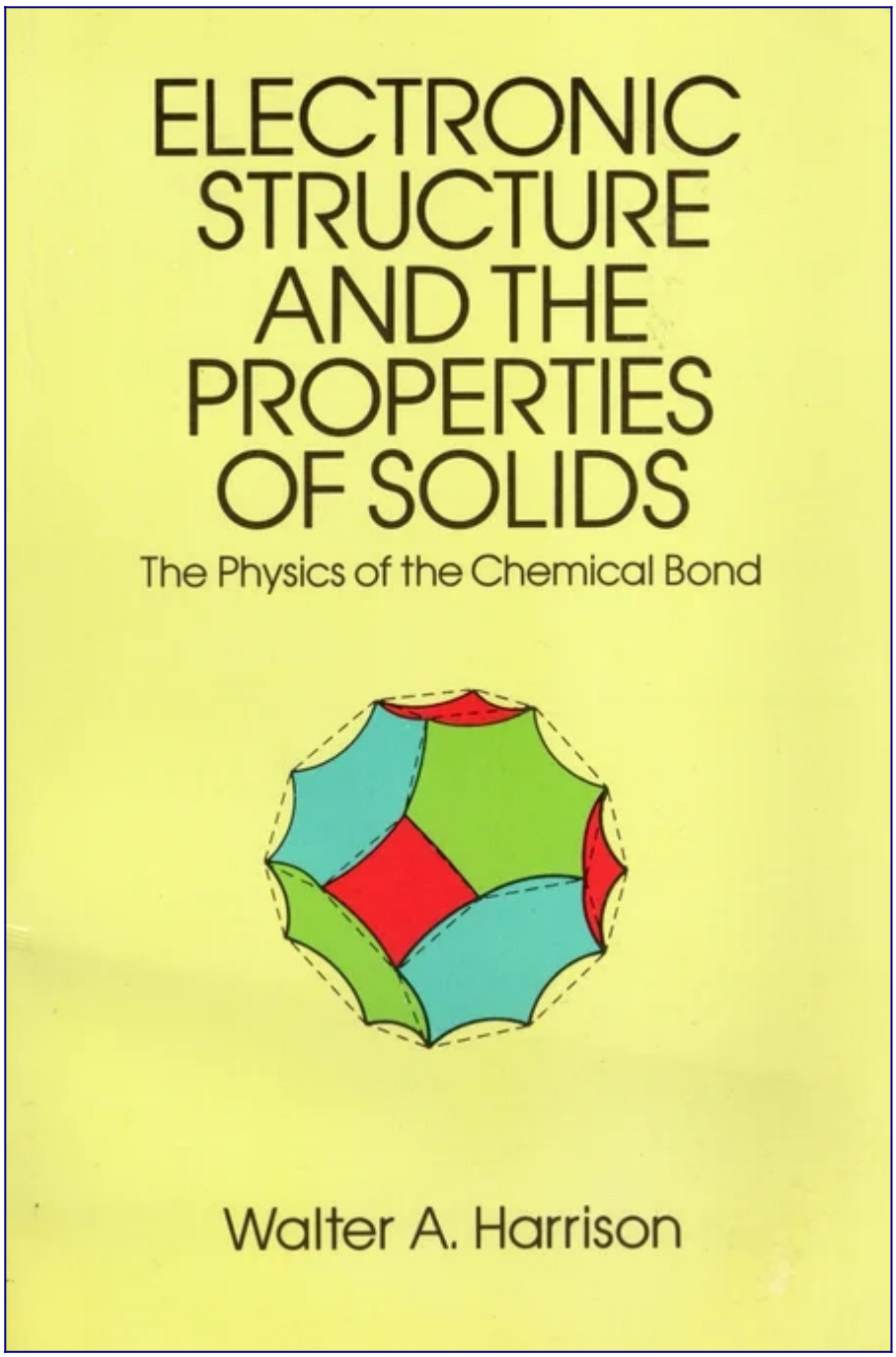
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
Replying to @ronin19217435
Mr. Tesla siad it was a waste of fourtune to sue repeatedly over and over Patents. I say NO PATENTS on ELECTRIC PROPULSIVE SPACECRAFT.
#ELECTRICPROPULSIVESPACECRAFT #ELECTRICPROPULSIVESPACECRAFTSYSTEMS

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
Replying to @ronin19217435
Well he must have flown out of Parguay...

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024

Replying to @TMBSPACESHIPS @tictac
Get it yet ?
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
Bob Ricketts know how to blow up Baluns but his popped.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
What Poser Dr. PhD UAP I know everything fake technology call Magical Mystical gravitaional waves are just conventional thermal mixing on mass scale in the Ultra low pressure of space vaccume. Stupid Posers use Mystical wordsalad to place spell and make you associate with wrong information. rt.com/news/590157-musk-inva…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
JJ can top me any day.....
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
6 Jan 2024
A Book on Locksmithing....



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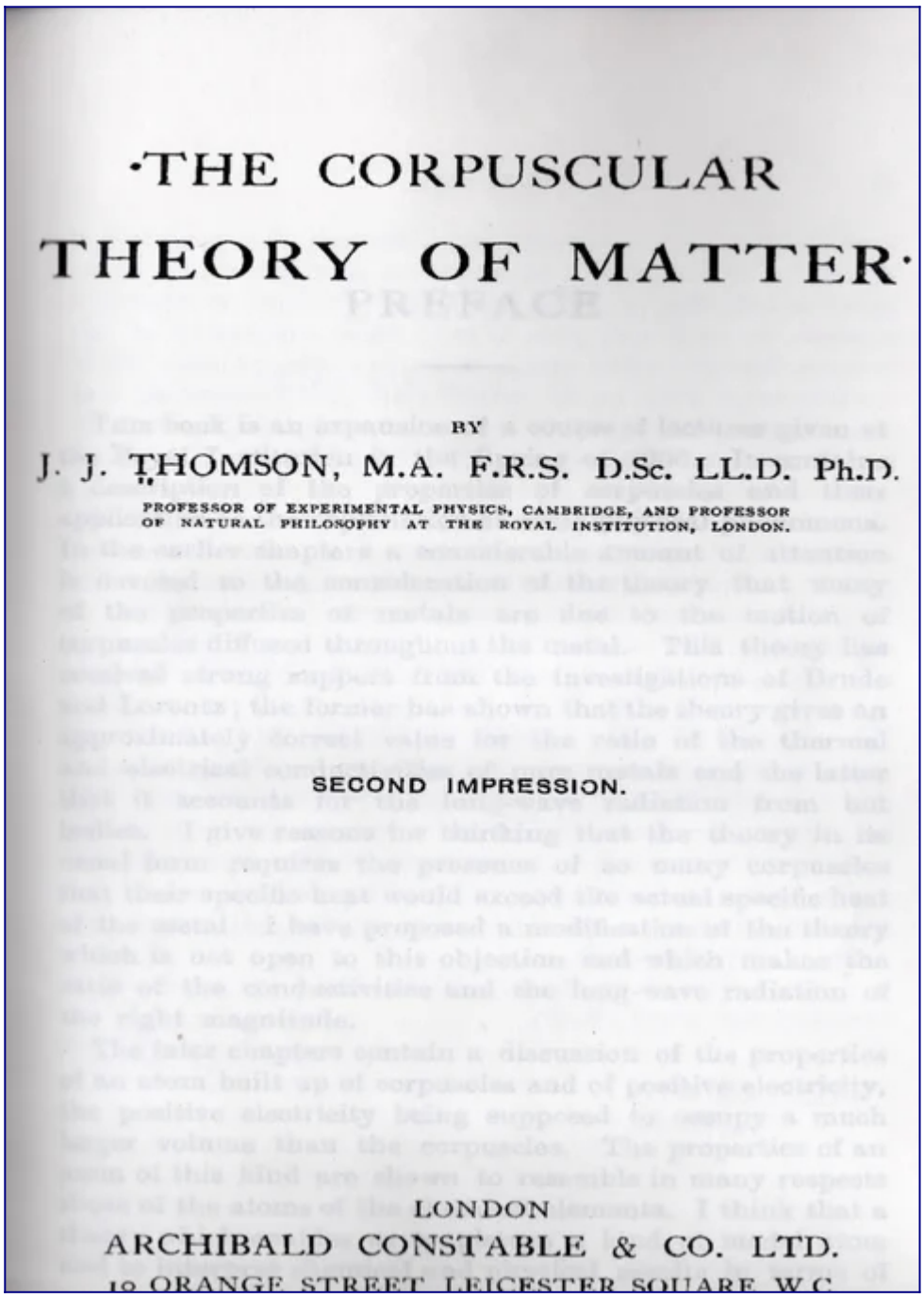
This book taught me that we live in large curvy, r3 world and the tiny world is square, r2.



THE CORPUSCULAR
THEORY OF MATTER

BY

J. J. THOMSON, M.A. F.R.S. D.Sc. LL.D. Ph.D.

PROFESSOR OF EXPERIMENTAL PHYSICS, CAMBRIDGE, AND PROFESSOR OF NATURAL PHILOSOPHY AT THE ROYAL INSTITUTION, LONDON.

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ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
Replying to @kimbal @Maya10898
Kimbal is bottom boy.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
The USAF bought lots of Poser Scamships and doesn't want to admit that. Janitor tried to mop and mop but spilled Gravitons and tachkyons with poli megamoney Raytheo-Marxist poser come up with deflection plan. Mystical Magical TV Mages repeat UFO/UAP UPPITY UNIVERSIY double fear think. Mages make you think waste of money on fake NASA Phd friends fake scamship that almost killed Vickey, Betty and Colby is mystical UAP. God Bless Vicky, Betty and Colby !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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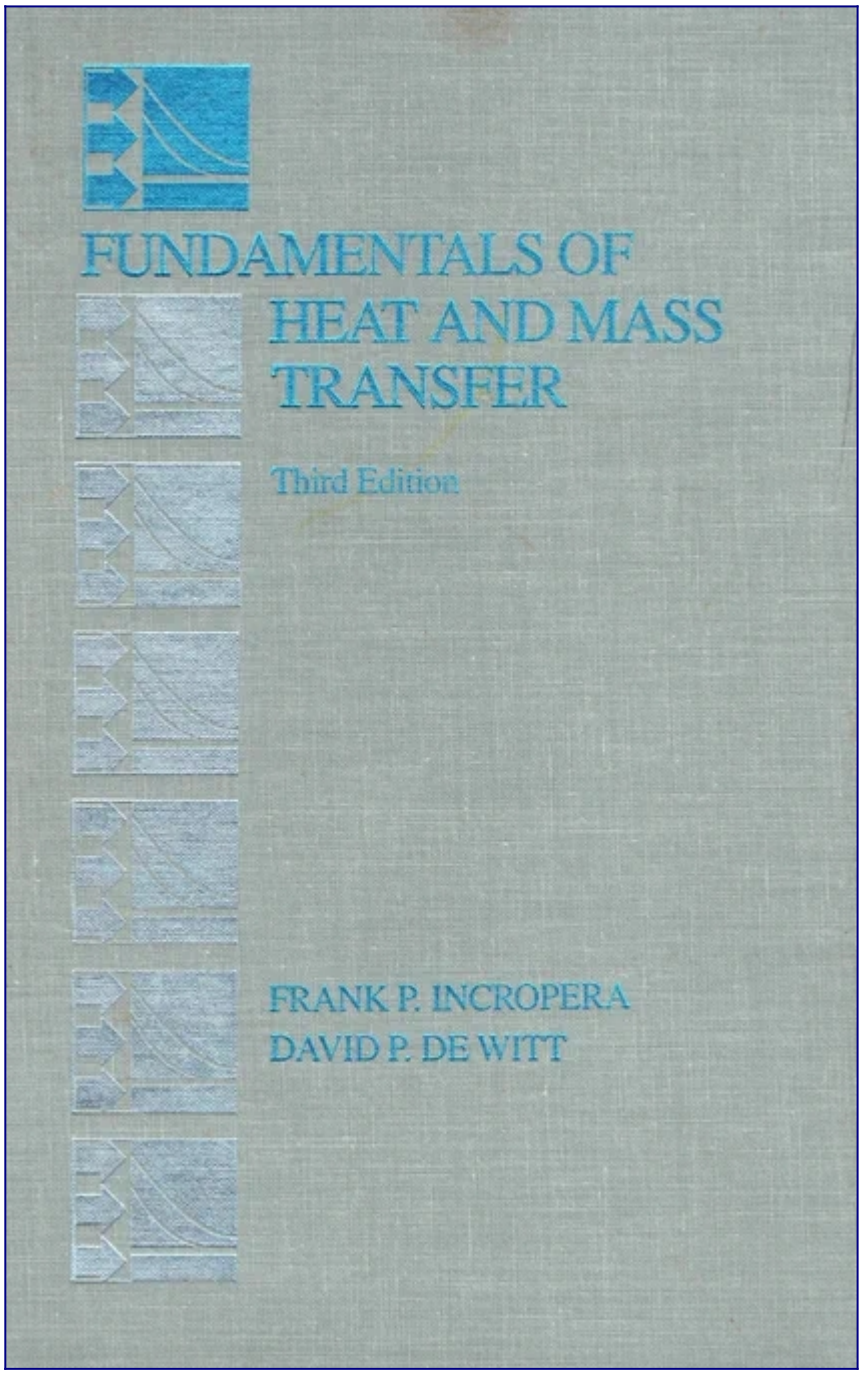
6 Jan 2024
This ancient magical text on the Mystical FIRE told me about X (E) and Z (K) but not about Y (M). The Mystical Mages, Dr. fake PhD UAP at Uppity University did not tell me that even though I gave penance. God told me that. SO I make rule. Book is correct. Mages omit because they are Posers.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
Auto system is similar to how Singing the Auto-Tune super megawhore singer works. Don't forget add Megawhore to spell check dictionary..
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6 Jan 2024
When your Bouyancy system's Fields' balun bubble starts to get to big, and might pop, you need to (auto-system) reduce the fields voltage emission or reduce the upper end of modulation to keep

bubble velocity less than speed of sound (velocity/pressure/Ambient pressure of voltage field). If electron velocity tranist into transonic the field becomes disapative. So don't modulate field too fast or too much or you push your balun's gas to the other side of the balun which is disapative Poser.

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6 Jan 2024

Replying to @UAPJames @littleblueorb

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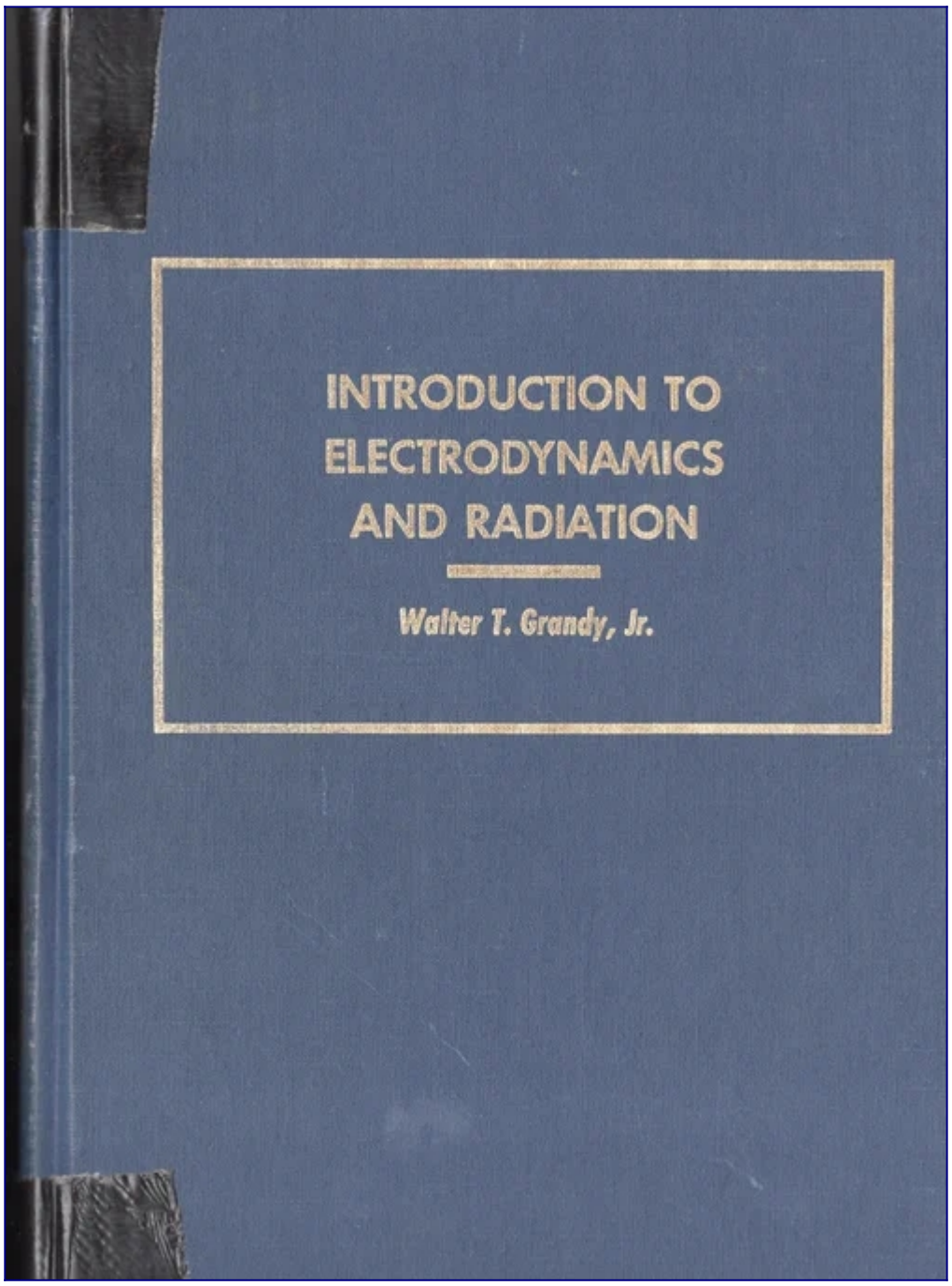
6 Jan 2024

This book taught me that it's stupid to do Electrical, Gravity, heat xfer in the r2 linear way. There was no real curve, just curves made up of lots of r2 angles not curves. So I made new rules (1) Book is Correct (2) Book need chapter at begining explaining, they only use Cartesian Coordinate System in lesson plan. In this book i learned When a spinning top shed water it is similar to Interfacial Surface Tension redistribution. POSER



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6 Jan 2024
by 1 single Gyroscopic Precessional force. 1 Single.
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6 Jan 2024
Look at that King setting in the middle of His Thrown.
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6 Jan 2024
Replying to @UpBeatSkeletor
God warned King David about guys who ride in on Giant Crocadiles.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
Replying to @rabbitholebot @ufob0t
Everybody run.. The souther Boarder is overrun by Aleins.
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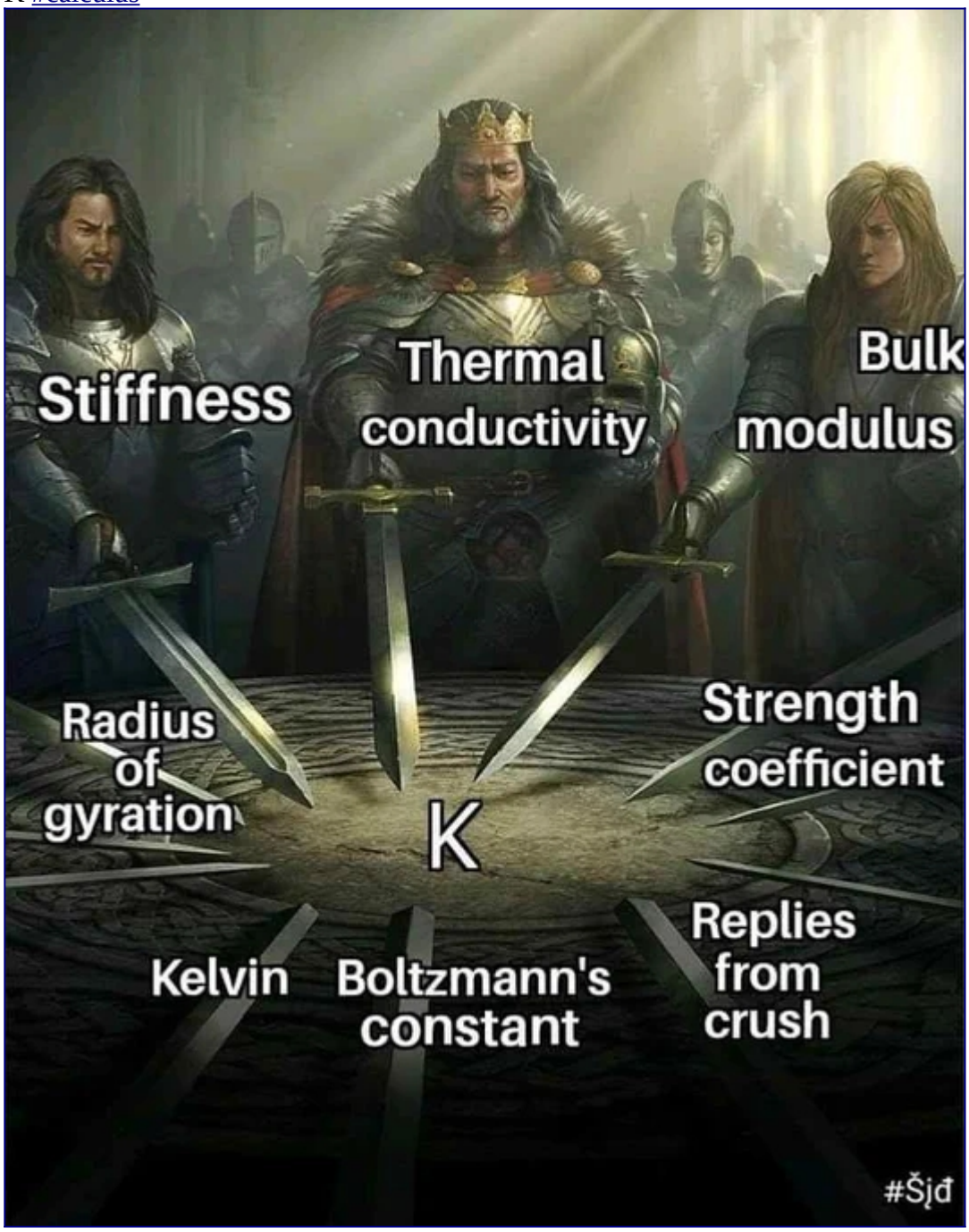
6 Jan 2024
Replying to @TheProjectUnity
Stop the Hate. God Bless Bob Lazer.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
Physics Memes
@ThePhysicsMemes
6 Jan 2024
K #calculus



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
Replying to @jamescfox @Akam1129
Way Over rated.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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6 Jan 2024
Replying to @BrandonFugal @smug_liberal @CryptoWithTheG @KristenFugal
I troll.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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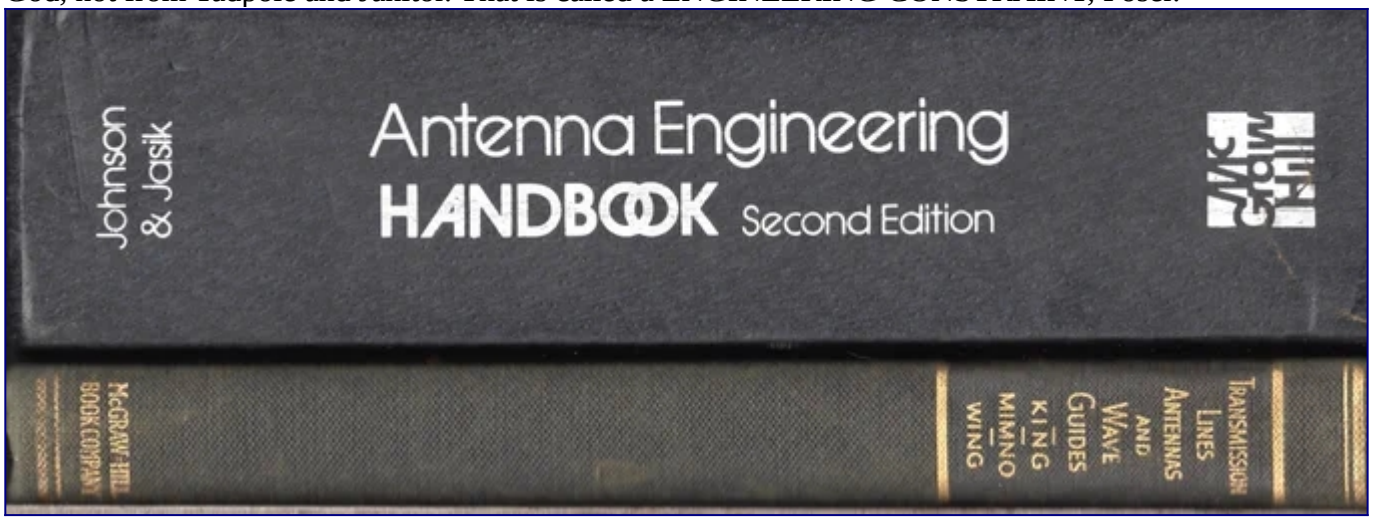
6 Jan 2024
These ancient Alien mystical text taught me the shape of the balun of vacuum I need blow up around my spaceship. It said stay under 70Hz or you will Pop your baloon. But you will need Magical Bull Caca to Blow up the baloon without proper Pig Latin and r3 Dynamic Model from God, not from Tadpole and Janitor. That is called a ENGINEERING CONSTRAINT, Poser.



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Hey fake polymath Dr. UAP PhD "All tekgnawlagy comes from Aliens:" LEDs and Laser are not Magical Mystial Alien Technology. A hUMAN NAMED Oleg Lesev iNVENTED THE FIRST ONES IN THE mid 1920S.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @TMBSPACESHIPS @wordstionary
Turn OFF Singing With the Autotune Posers.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @TMBSPACESHIPS @Billschwandt1
Ionized AIR = IONIZED GASS = (A+ state) Ellastically Expanded. Where it will condence around the 'opening' of hole. Pulling in Commandable (Magnatude) and that holes direction(Vector). A tadpole taught me that. Making a greater vacuum than the area of outer space that your in. Remove energy with LOW Wattage Magical Mystical Cryatal LipO4 batteries.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
5 Jan 2024
1st Level Critical Thinker, NEVER SHUTs UP or LISTENs. Reactionary POSER. 2nd Level Critical Thinker, SHUTS up some times. Thinks he talks too much. 3rd Level Critical Thinker Never speaks and always listens. Won't stink on your Opinion. We as humans move through this scale like music. No one stays 3rd Class except Liars and Posers.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @Erdayastronaut @inspiration4x @DrSianProctor
I am only Janitor. I speak all Pig Latin. I clean up messes. I didn't go up.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @Erdayastronaut @inspiration4x @DrSianProctor
Another POSER. This is getting messy. I need MOP BUCKET.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @theblackvault
No FAKE DISCLOSURE coming from 'THEY'. They poison you.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @SteveLovesAmmo
Project Blue Beam will be interrupted by COMERCIALS from ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS. Calling Armeggedon off.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @SpaceX @elonmusk
They need Cerium in there.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @Alien_Scientist
TR3B was tasty Red Herring.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @AshtonForbes @ashtonforbes
Police responding to call from Alien saying Joe Firmage just stole their spaceship full of dreams.
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5 Jan 2024
Replying to @TheFigen_ @vkuberan
Design Combat Pacifyer....
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5 Jan 2024

I am smater than AI. I will make it stuber. I am Hu man. I will unplug AI cause I am Janitor. God Bless Ms. Tadpole Taylor !
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5 Jan 2024
Ancient Mystical Magical Sand video from a Tadpole. youtu.be/watch?v=wCIBCj2K…

Making Pure Silicon Dioxide from Sand in Hindi

Hey guys in this video I am going to make Silicon dioxide from sand the procedure is going to be very simple so if you liked this video please share this vid...

youtube.com
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5 Jan 2024
Replying to @TedLogan1010 @sindolamas1 @SpaceX @elonmusk @kimbal @NovaSkyStories @No_Curve @Death6102
Go down there and watch Elon Fake it right in front of your POSER eyes. By the way, Rocket Fuel RP-1 is desulferated Kerosine. POSER
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
Replying to @TMBSPACESHIPS @DiggingInTheDi1
Top Bunk.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
5 Jan 2024
I'm coming for those fake Magical Dr. UAP PhD Teknawlogy degree. You make people think all Dreams are dead ends. Tic-Toc time macheen. news.bloomberglaw.com/litiga…

Tech Entrepreneur Sued Over $25 Million Lab Project Ponzi Scheme

Joe Firmage, an entrepreneur who claimed to have devised a new aerospace propulsion technology concept, allegedly ran a Ponzi scheme to solicit investments by misrepresenting that the project had...

news.bloomberglaw.com
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5 Jan 2024
Not Fake. McGraw Hill censors.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
4 Jan 2024
Replying to @USSpaceForce
YES, YES, DOGes in SPACE.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
CERIUM is ancient Alien Crystal Magic. Real Magic sand. youtu.be/watch?v=HSa9MvYc…

Cerium - A Metal, which forms BRIGHT SPARKS!

Mel Science: https://goo.gl/SxwFlQPatreon: https://www.patreon.com/Thoisoi?ty=hFacebook: https://www.facebook.com/thoisoi2Interesting page about chemical exp...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
Replying to @TMBSPACESHIPS @Billschwandt1 @elonmusk
Thorium DIOXIDE only not Thorium. Use Ancient Alien Magical Plasma Spray.
youtu.be/shorts/e1E3iFwXq…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
Replying to @Billschwandt1 @elonmusk
Easy to Obtain, Magic Sand Crystals.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
Replying to @Billschwandt1 @elonmusk
How about HVOF Plasma Spray a Coat of (1) Carbon +0, (2)Cerium +4 and (3) Thorium Dioxide, real thin.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
Replying to @Billschwandt1 @elonmusk
Blueprint review results... Recommend Promote NOW to 1st Class Tadpole.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
4 Jan 2024
Replying to @TMBSPACESHIPS @Billschwandt1
I drew that, I am real human.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Jan 2024

DEGREES are WORTHLESS. english.elpais.com/internati…

Six phony plastic surgeons convicted of using fake degrees in Colombia

The men had shown the Ministry of Education false records of a course taken at a Brazilian university. Many women who underwent cosmetic procedures with them suffered serious side effects

english.elpais.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Jan 2024
Degrees are worthless. foxbaltimore.com/news/nation…

3 found guilty in multi-state nursing degree fraud: Over 7,600 fake diplomas sold

After a three-week trial, a federal jury found three people guilty of wire fraud and conspiracy to commit wire fraud charges.

foxbaltimore.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Jan 2024
Fake Poser Dr. UAP PhD Teknawlogey Professor. Degrees are worthless.
cbsnews.com/news/federal-wor…

Federal Workers Named In Phony Degree Scam

Officials Investigating Civil Servants Who May Have Bought Fake Degree From Diploma Mill

cbsnews.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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4 Jan 2024
Imagine your a Super Secret Scientist working on a Super Magical Secret Covert Project with over 20 scientist and finding out, 18 have Fake Pacific University degrees. Degrees are worthless.
spokesman.com/stories/2009/m…

U.S. Army eyeing fake diplomas

The U.S. Army is investigating soldiers who bought degrees from an illegal diploma mill that was based in Spokane and resulted in prison time for its operators. It’s also warning soldiers to be wary...

spokesman.com
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4 Jan 2024
First Fiber Optics was 1840's. Not Magic Alien Technology.
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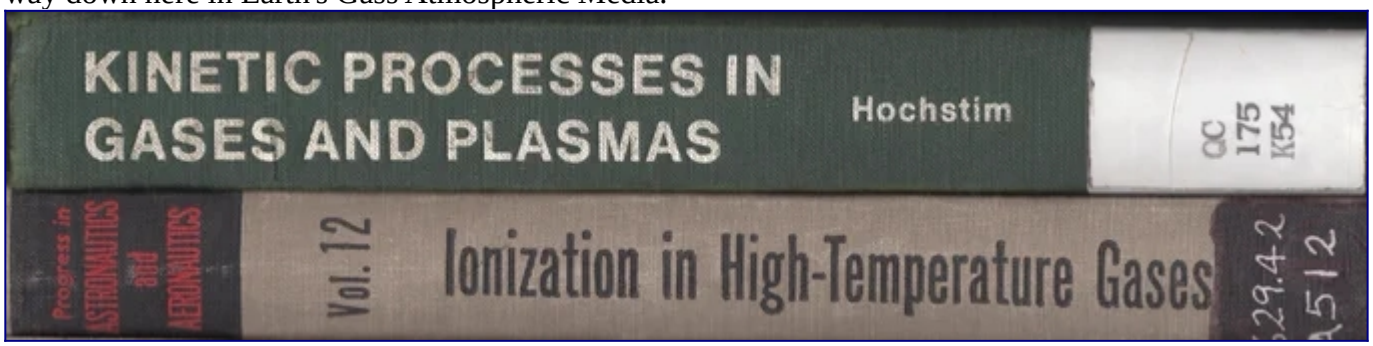
4 Jan 2024
These Books taught me how to, Blow-up a "Baloon of Vacuum" around my spaceship so I can Float way down here in Earth's Gass Atmospheric Media.



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4 Jan 2024
Degrees are worthless . usmagazine.com/celebrity-new…

College Admissions Scandal: Where Are They Now?

Lori Loughlin, Felicity Huffman and several college coaches were indicted in the nationwide college admissions scandal in March 2019 — details

usmagazine.com
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4 Jan 2024
Degress are worthless. nymag.com/intelligencer/2024…

Claudine Gay Resigns From Harvard Amid Plagiarism Allegation

As controversy continued to swirl around her, Gay announced plans to step down after only six months.

nymag.com

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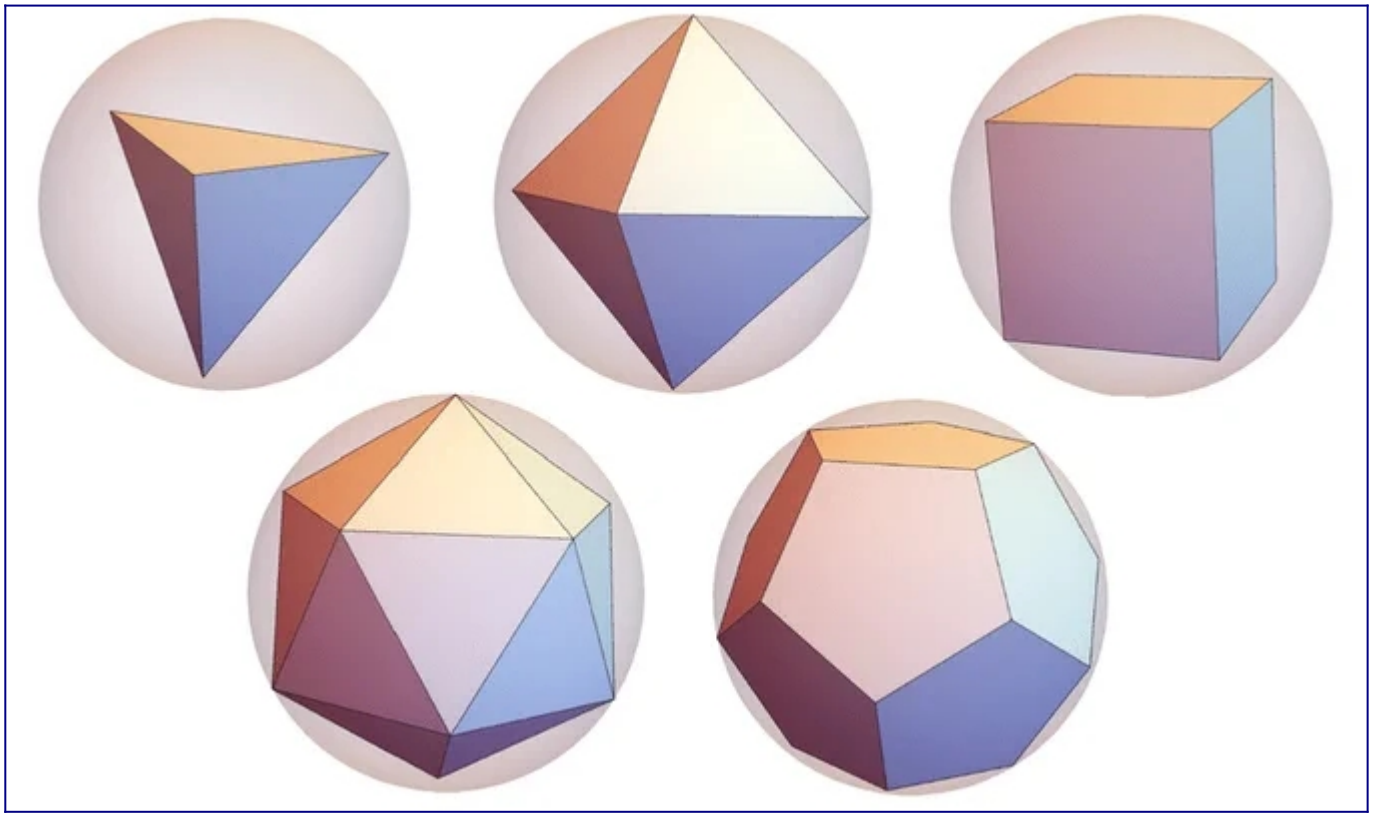
4 Jan 2024

In UAP research, how many Atomic Bond-Bond shapes are there ?



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4 Jan 2024

I see a REFERENTIAL, Now I can get the Gradient of Gravitation.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Jan 2024

I wonder if Space X plasma sprays Cerium and Thorium Dioxide in the Nozzels of their Rocket engines.

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3 Jan 2024

This is the movie Captain Kirk made about mu Uncle Bernie. it says an American named Dr. Robert Goddard invented the Fuel mixing Rocket, NOT NAZIS. youtu.be/watch?v=TdAFoKat…

Nuclear Weapons Documentary Nukes in Space The Rainbow Bombs XviD mp3...

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youtube.com
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@TMBSPACESHIPS
3 Jan 2024
Captain Kirk made a movie about my Uncle Bernie.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
No money needed, I am old, ugly and retired. Money is Scribble Paper with Financial Mage Magic to decieve you that it is real.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
This is my Uncle Bernard. He was my Dad's best friend and we called him uncle Bernie.
en.wikipedia.org/wiki/Bernar…

Bernard Schriever - Wikipedia

en.wikipedia.org
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

@TMBSPACESHIPS
3 Jan 2024
Double Bogie Trim Pitch Actuator was a word Bill taught me.
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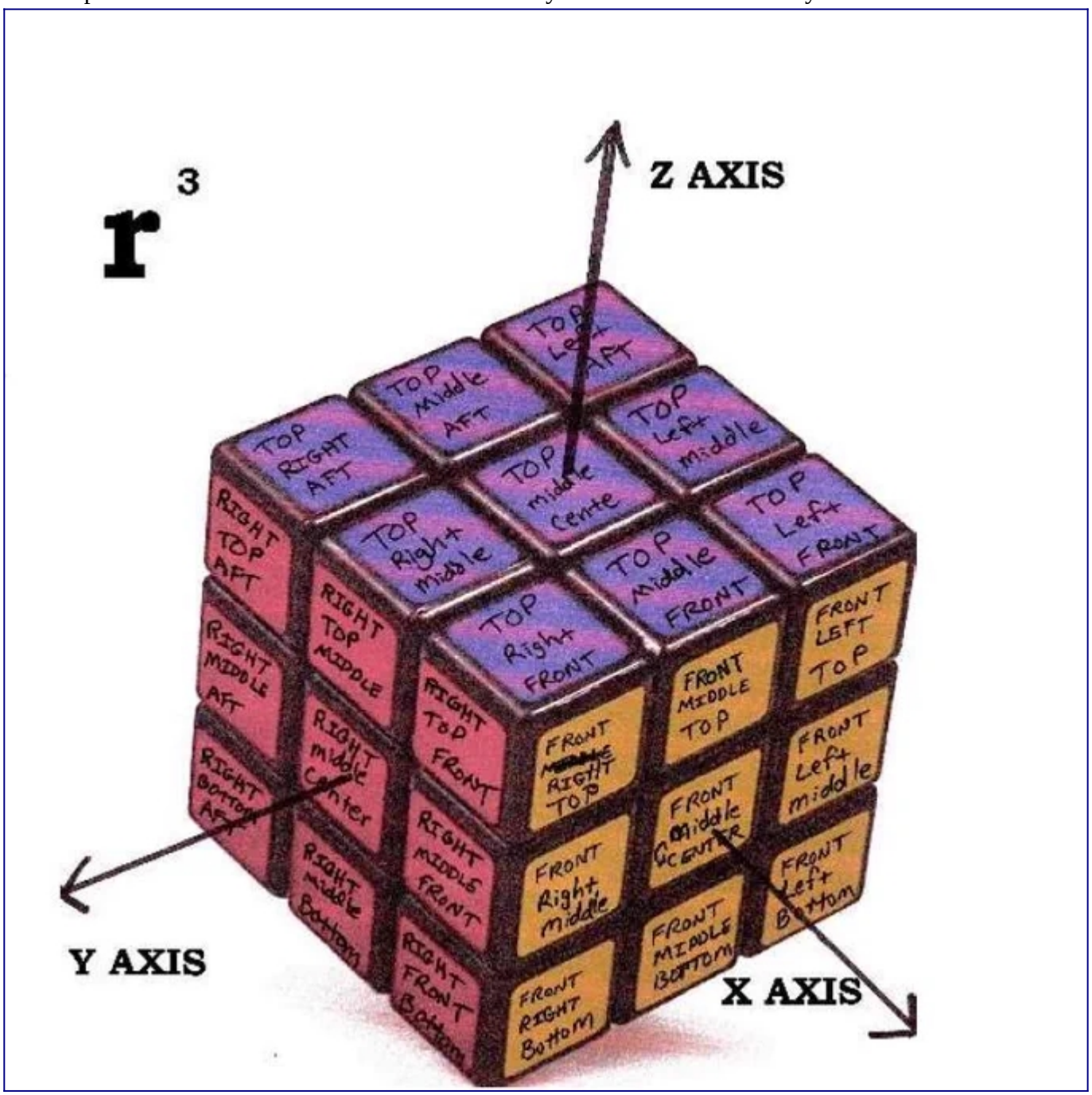
@TMBSPACESHIPS
3 Jan 2024
Those middle ones look sorta Gaussian arn't they.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
Word Up Posers !!!! God solved the Ribiks Cube for you moe-ron. I like money.



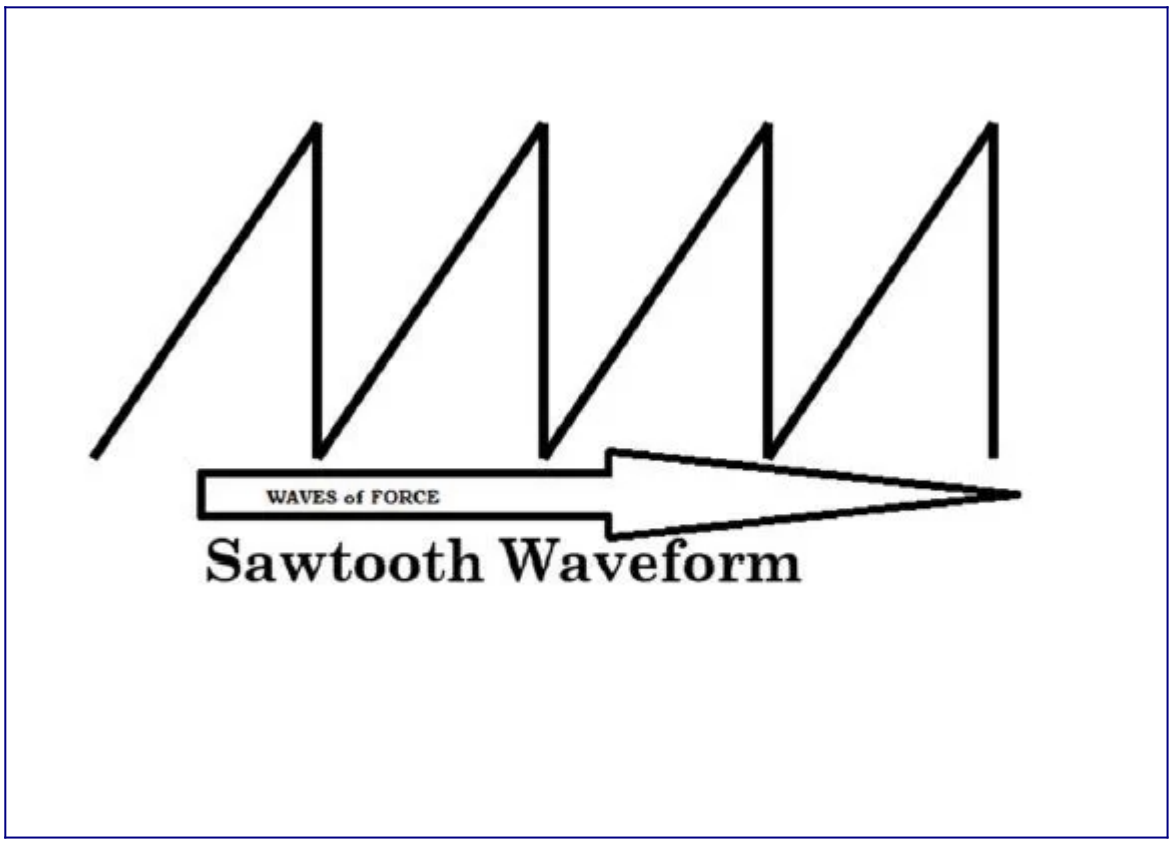
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS

3 Jan 2024
This is my friend Ed. Ed was my supervisor when I was a Janitor at UT. Ed taught me how to fly. I have lots of stories to tell Ed when I see him again. God Bless Ed Davis.
statesman.com/obituaries/p01…
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
This my my friend Bill. Bill taught me how to fish. Bill gave the Air Force the C-5. Bill endorsed me, thank you Bill. When I see Bill again, I got a lot to tell him about since last I saw Bill. God Bless Bill Harris! dignitymemorial.com/obituari…

Colonel William Harris Obituary - San Antonio, TX

Celebrate the life of Colonel William Harris, leave a kind word or memory and get funeral service information care of Funeraria del Angel Roy Akers.

dignitymemorial.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
A 1/4 of a Sinewave Sawtooth pattern represents a 2 dimensional (Linear single axis) EFFORT of a Forward Propagating Force that has no motion reversal. This indicates the Wave motion(velocity) self-damps in Relaxation. God told me Newton saw this. Newton can top me anytime. Word up Posers, There is only Now Time, No such thing as a Time Macheen.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
To all you haters of Bob Lazar, you cheaping your cause. I give Bob Lazar a pass cause, he's an American Icon like the Dukes of Hazard. Stop your hate on Bob Lazar right now. God Bless Bob Lazar !

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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3 Jan 2024
How about that FerroElectric thingy stuff ?

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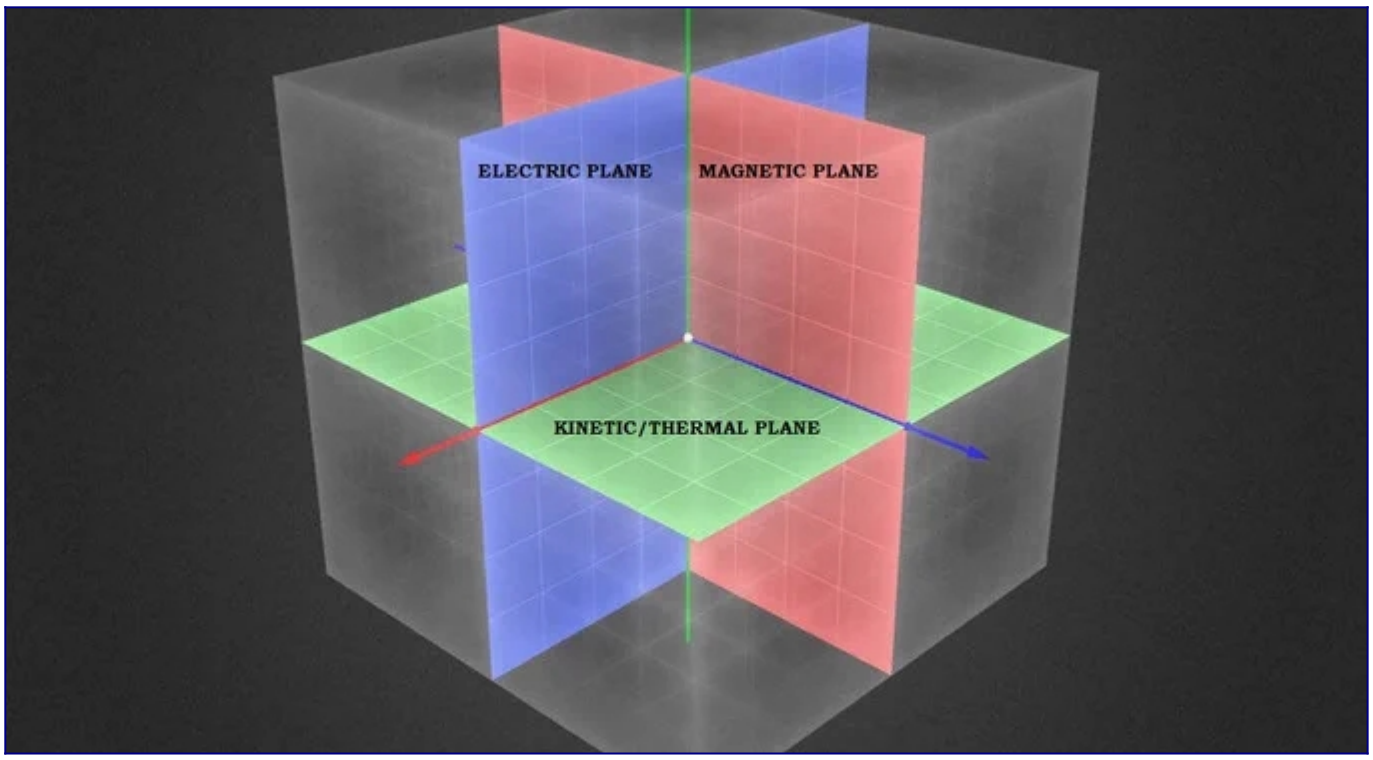
3 Jan 2024
I like Heated Antennas... Their Kinda like Vacuum Tubes, They get those lazy bum Electrons moving. They need to be real HOT, heated internally, like an Calrod element. Preferably to be made from Magical Crystals of Inconel 718. With a layer of Magic Sand sprayed on. Incandescent Heated Antenna.... I told you I learned a lot in Custodial School.

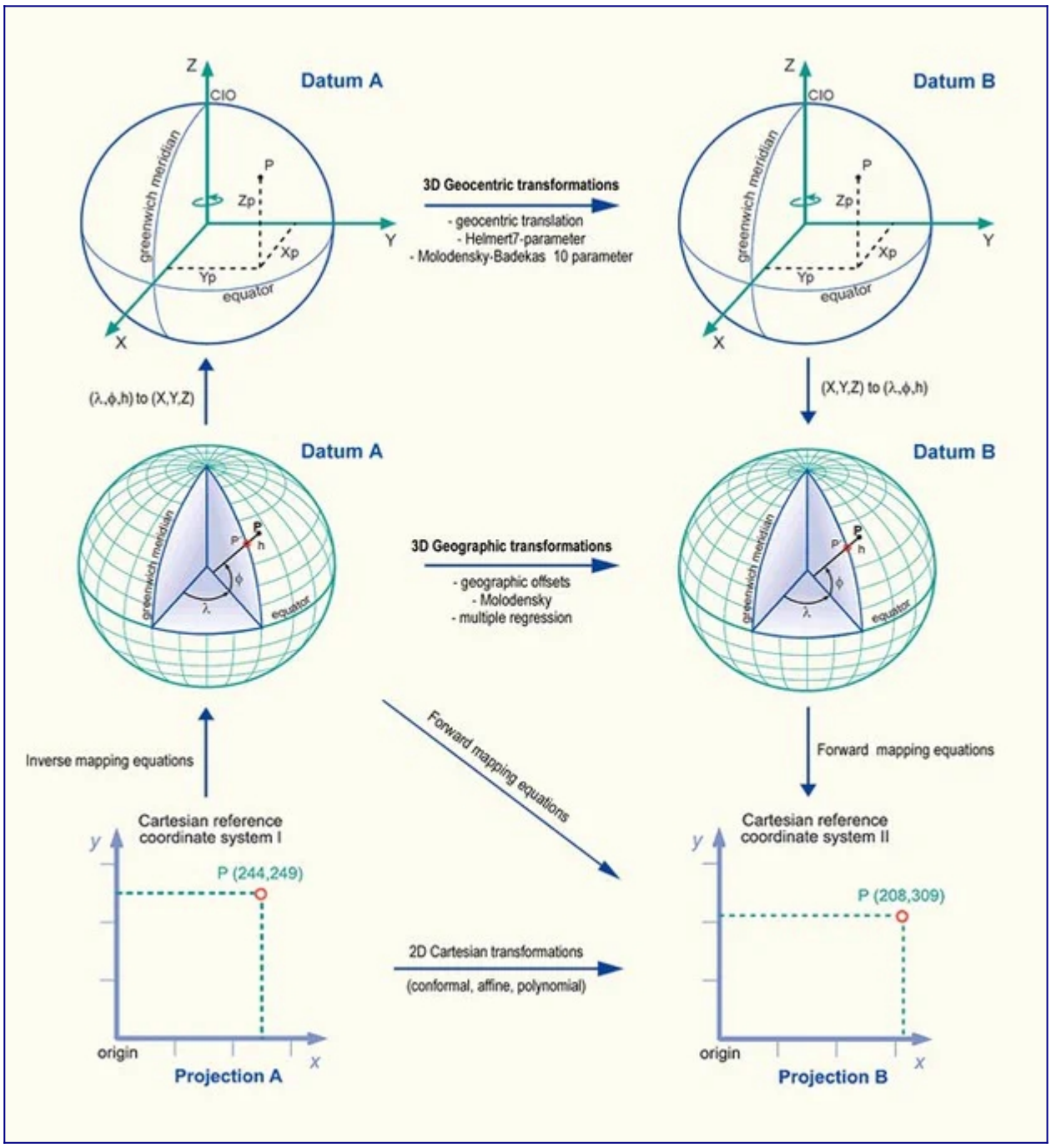
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
You Model the Point on 3 Axi, your spaceship. You Model the Field on 6 Sides, the Cube/Field. You Model the Interfacial Forces of transfer on a 9D Matrices. Notice the 6 sided Cube around the point. The 6 Sided Cube is the Gravitational Field Around a Our Spaceship.. The Point is "Our" spaceship, being the point. 3 x 3 x 3 = 9D 9D= 26 +1 Variables for Magnatude and Vector Xfer.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
What does Dark Energy have to do with UAPs ? Dark Energy = Just another T!++y Magic Word. Dark Energy = All the Hate and Lies waiting for someone else to do something. Sharpen your mind and design your own UAP.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
Replying to @BrianJo78940026
Lt. Commander Ed Lin.

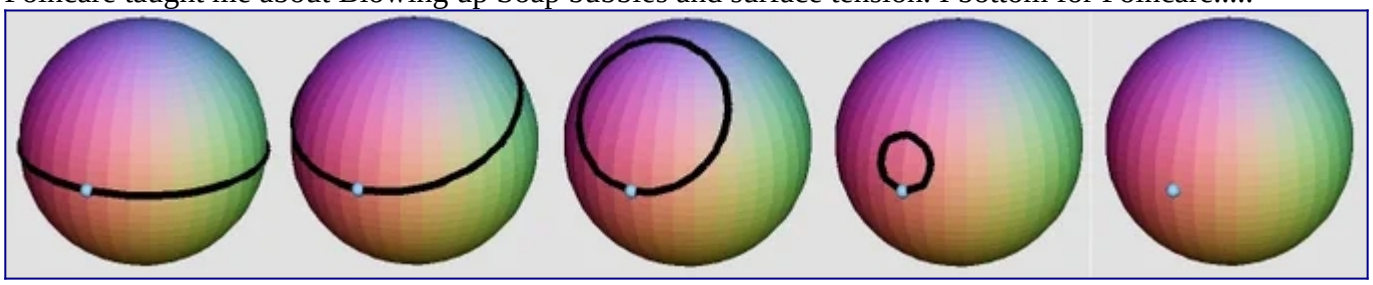
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
Are you still Single Axis linear R2 ? Move up to an R3 Curvy world. This is the Orthographic Coordinate System. GLOBTARD !!!!



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
Plasma is Elastic and Goes from Dark to light when stretched.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
In Mechanics I learned. Stretch = Elastic A guy named Rudolph Kalman smoothed it out for me.

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
Don't wait for fake disclosure = T!++y Magic. Move from the comfort of that 1st Level of thinking. Your arrogence makes you think your a 1st class critical thinker. Humble yourself, shut up and try for 3rd place in the Special Olympics ?

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
3 Jan 2024
There is no Infinitly Dark... There is no Infinitly Condensed matter, There is no Infinitly Cold. Everything is moving in the Universe.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Jan 2024
Poincare taught me about Blowing up Soap bubbles and surface tension. I bottom for Poincare.....



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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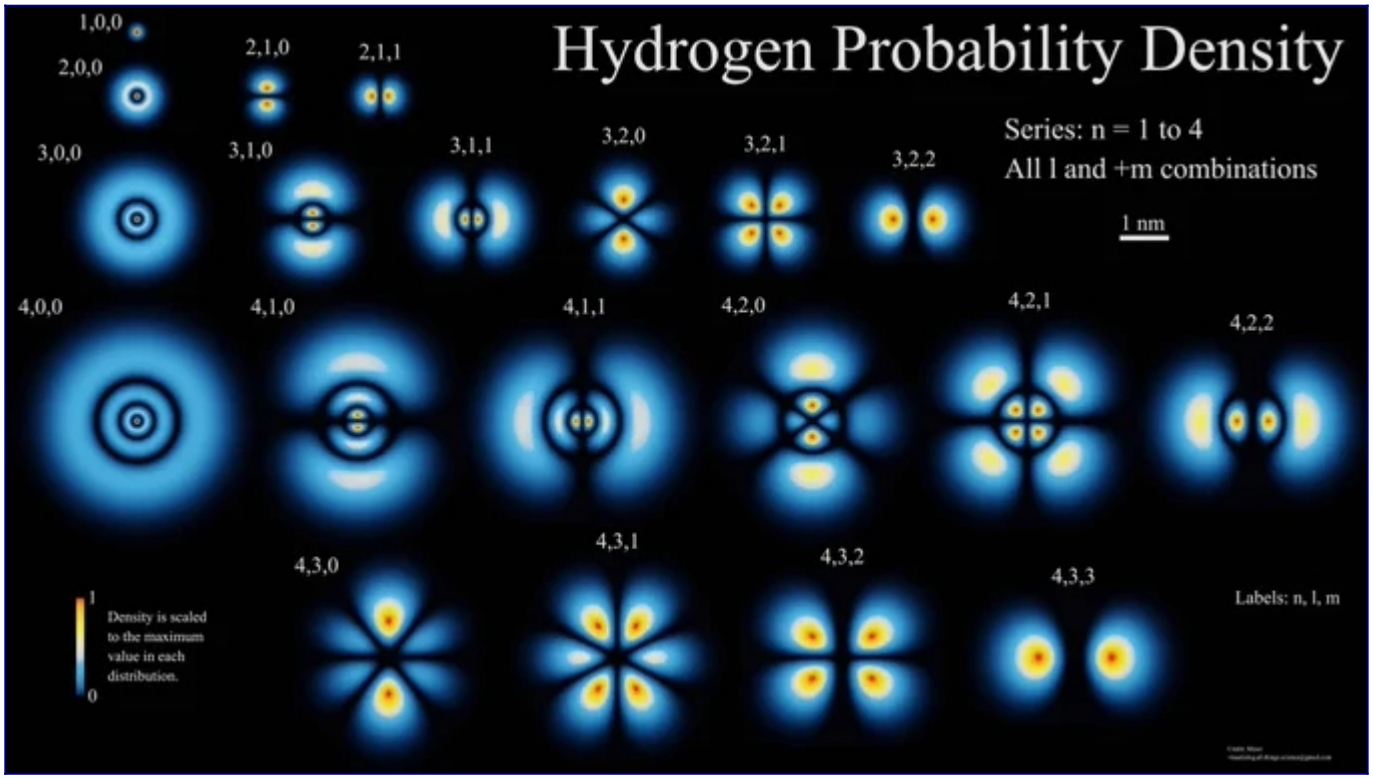
2 Jan 2024
How do you alloy Hydrogen to any metal ? You percolate super hot and super ionized Tritium Gass into the Pig.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
2 Jan 2024
In my Flying Saucer research I found you can make any Supermaterial Cheap. Also, you can make unstable materials that are Unstable for long, long, long periods of time if, you know how to spin the Combination to the 3D Atomic Clockwork Combination Lock.



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2 Jan 2024

Replying to @Rainmaker1973 @DanSnel2
Thats part of the Combination.
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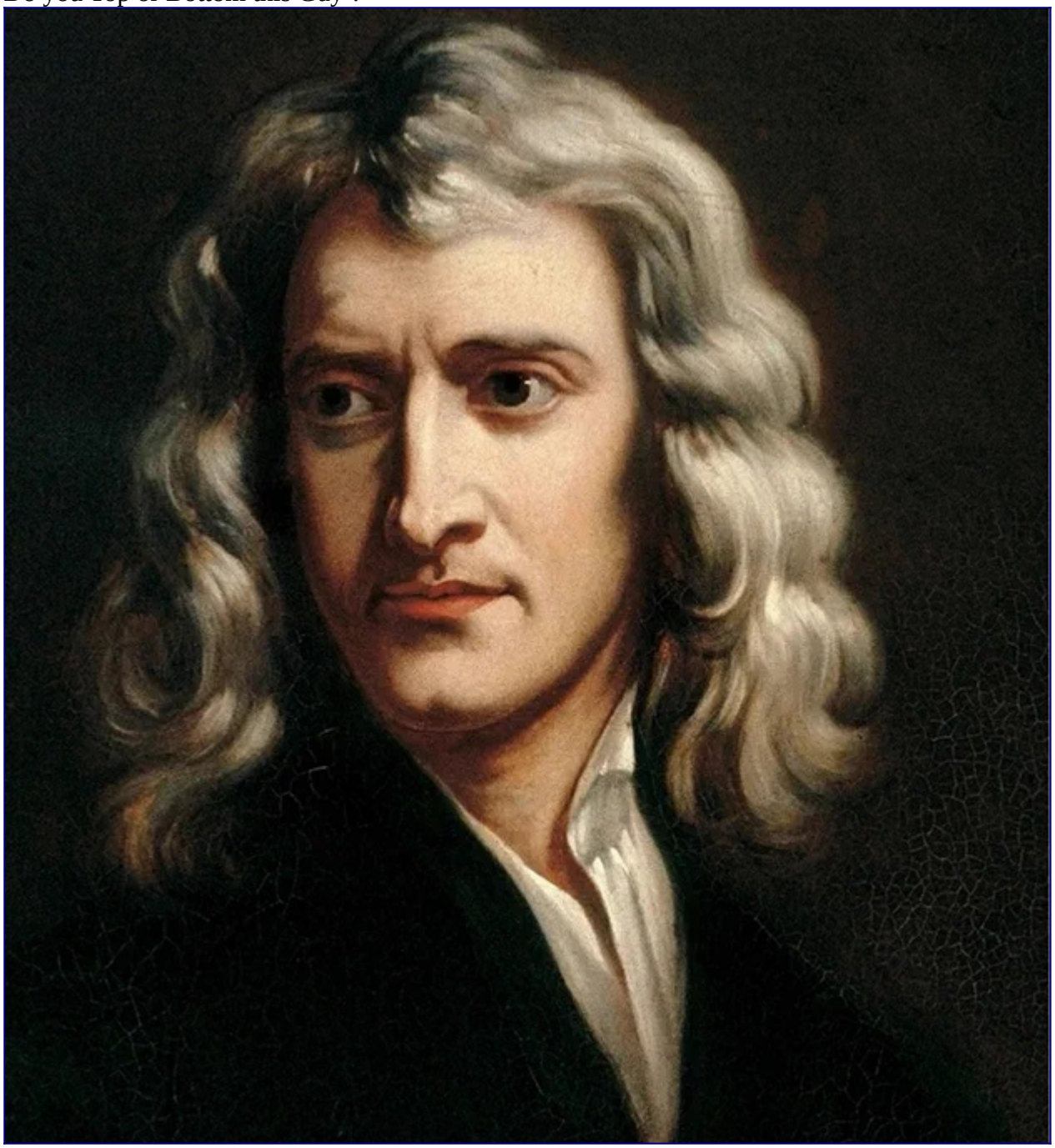
2 Jan 2024
Do you Top or Bottom this Guy ?



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2 Jan 2024
3 Axi of Force Transfer Force to a 6 sided Cube on a 9D matrix of force vector and magnatude Function. That is Gravity, that is God. You must use Cartesian and Orthographic coordinate systems to see the fingerprints, Unless your blinded in the mind, by your PhD.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS

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2 Jan 2024
Once I HVOF Plasma Sprayed some carbon on metal, to make a Diamond like transperant coating. It worked at first than it turned to a Black glass from oxidation and Kerr Refractive Shift. I didn't know how to spin the Atomic Clockwork Combination Lock. for Stability.
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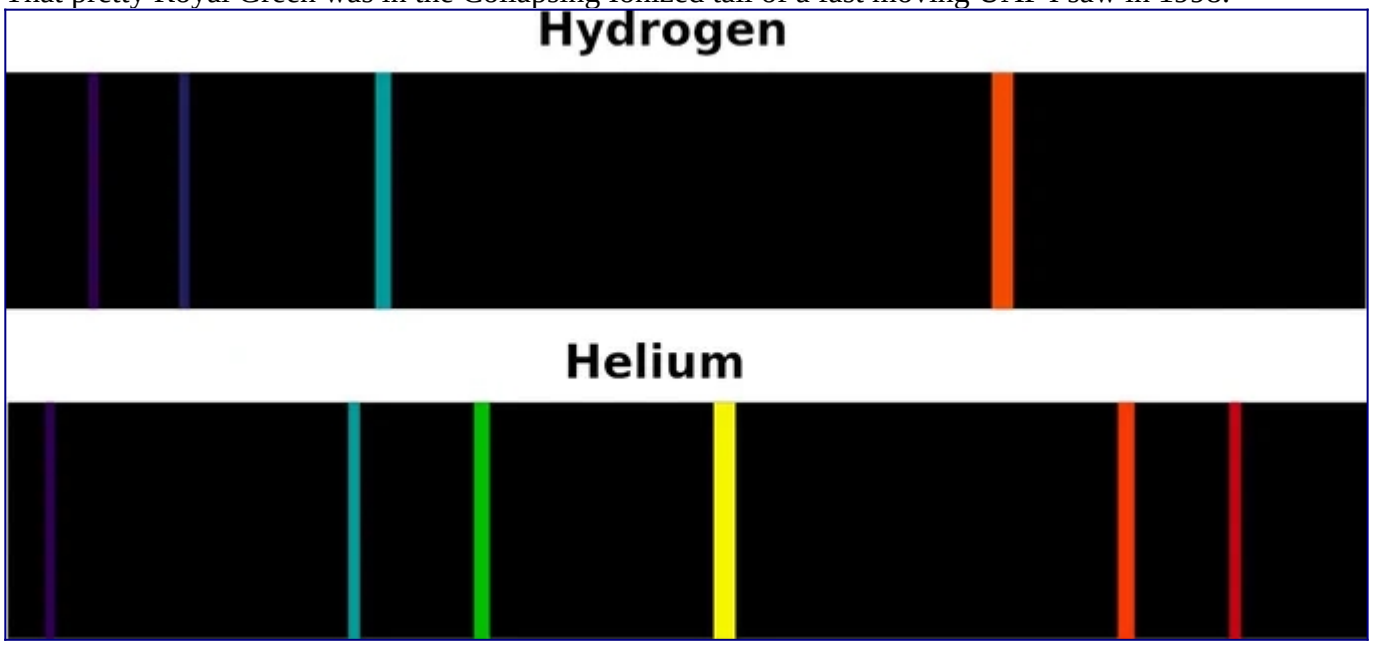
2 Jan 2024
That pretty Royal Green was in the Collapsing Ionized tail of a fast moving UAP I saw in 1998.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Jan 2024
Are Plasma and Vacuum Inverse to each other ? or is that streching it a bit. Strecth = Elastic
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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2 Jan 2024
Misunderstanding = nothing in space. Understanding = There is a very, very low pressure in the Plasma/Vacuum Media of Space. There are regions of Ultra Low Ambient Space pressure that the sky glows on fire. Those regions are called Nebula.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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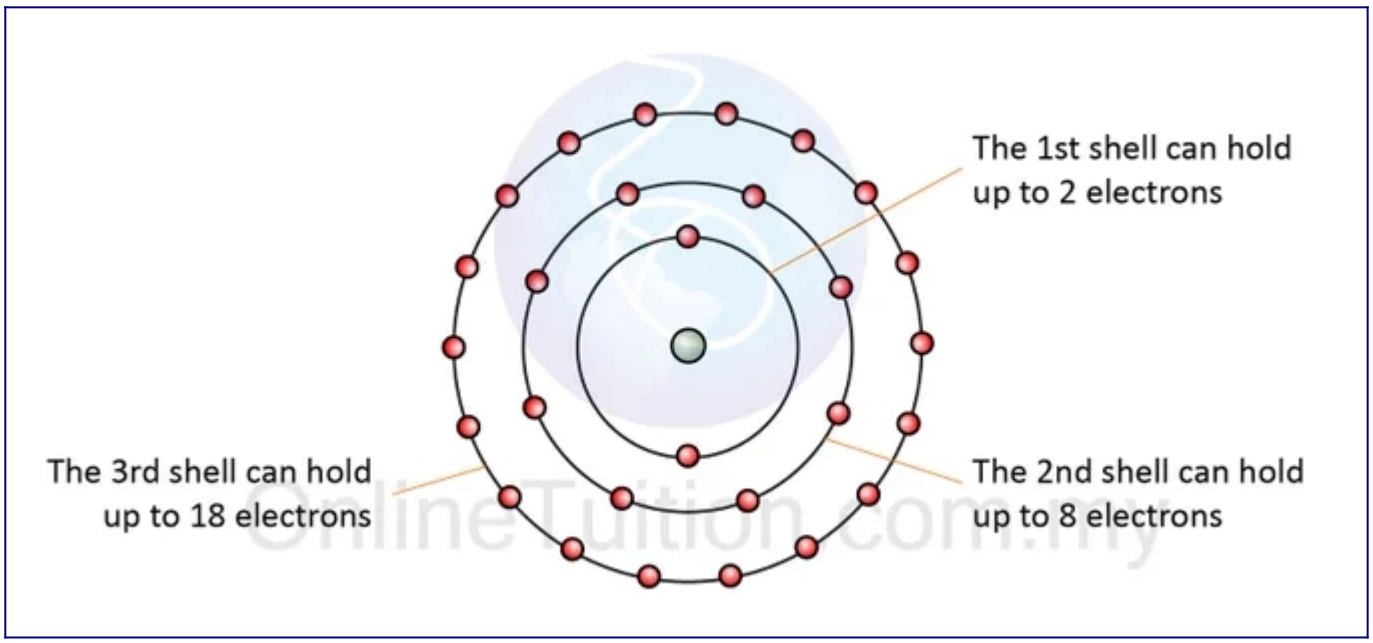
2 Jan 2024
Do you know the Combination of this Lock ? God gave us a 3D Road Map to the clockwork. Where is the map. You need the map to know, "What Sand to use."



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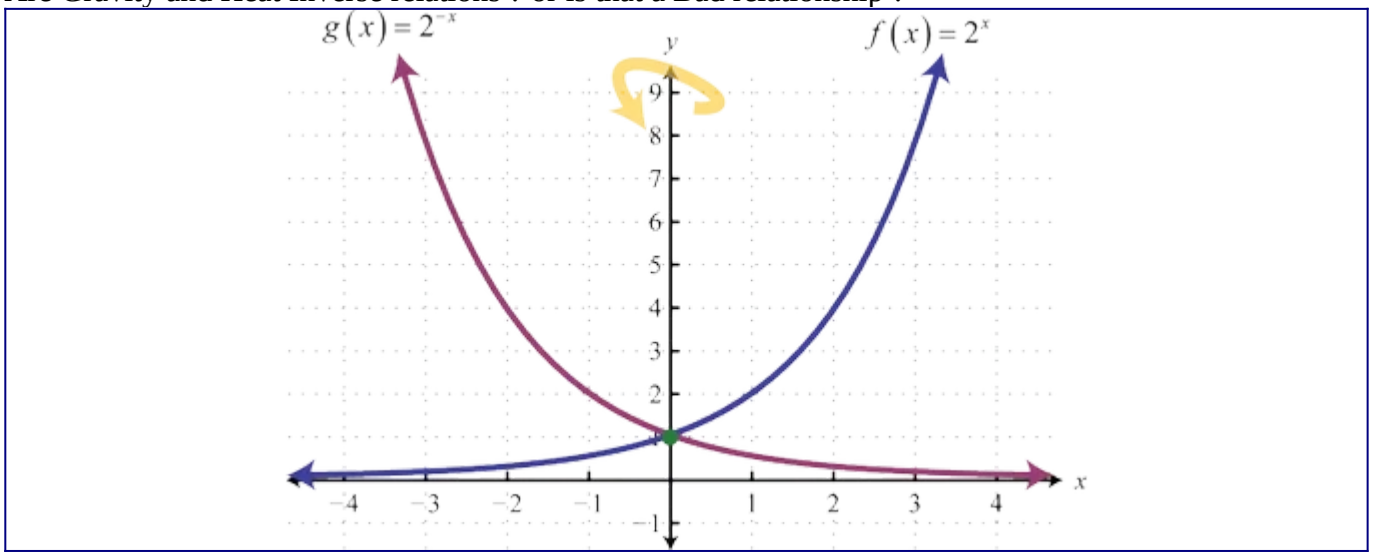
2 Jan 2024

Are Gravity and Heat Inverse relations ? or is that a Bad relationship ?



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NATURE applys force at 2 rates. Linear r2 forces are smooth, slow and settels rapidly Abrupt r3, r4, r5.....forces are Exponential, rapid and Shockwavy. There is no r1 that's nowhere in nothing.

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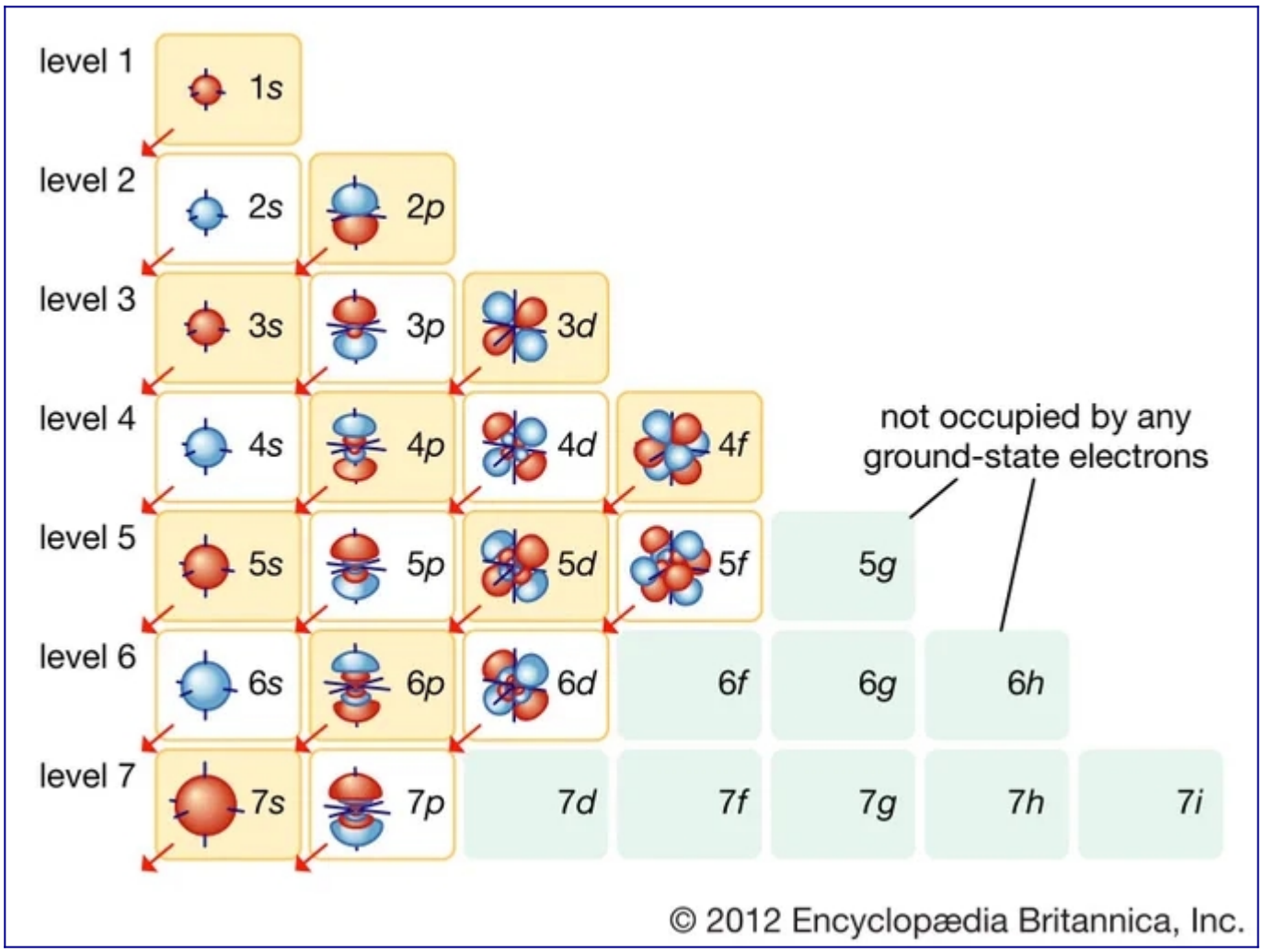
Do you know the Combination to the Atomic 3D Electron Hiway mixmaster to the Nucleus ?



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Atoms occurs as (1) SOLID = EARTH (2) LIQUID = WATER (2) GAS = AIR (4) PLASMA = Fire/Vacuum

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Anti-Matter Bombs have (X) Total Internal Reflection (Y) Total Internal Magnetic Constriction (Curl) (Z) Total Internal Compression Totally going nowhere.

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2 Jan 2024
Symbol means Transparent with no refractive index change. From Optics, NEWTONS little Triangles.
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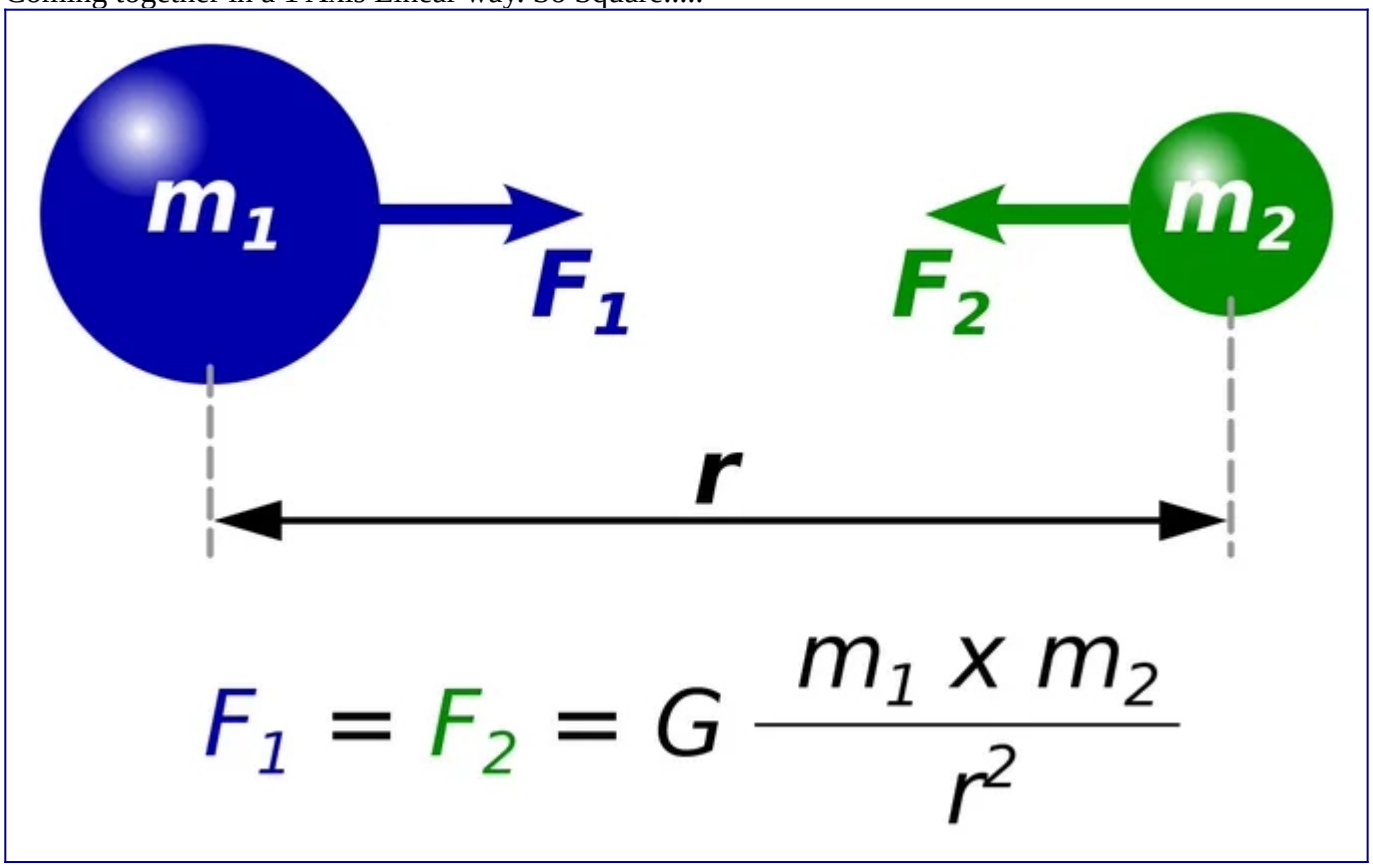
2 Jan 2024
Coming together in a 1 Axis Linear way. So Square.....



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You don't need college to design a Electric Propulsive Spacecraft. Learn Ancient Magical Pig Latin.

$$F = G\frac{m_1 m_2}{r^2}$$

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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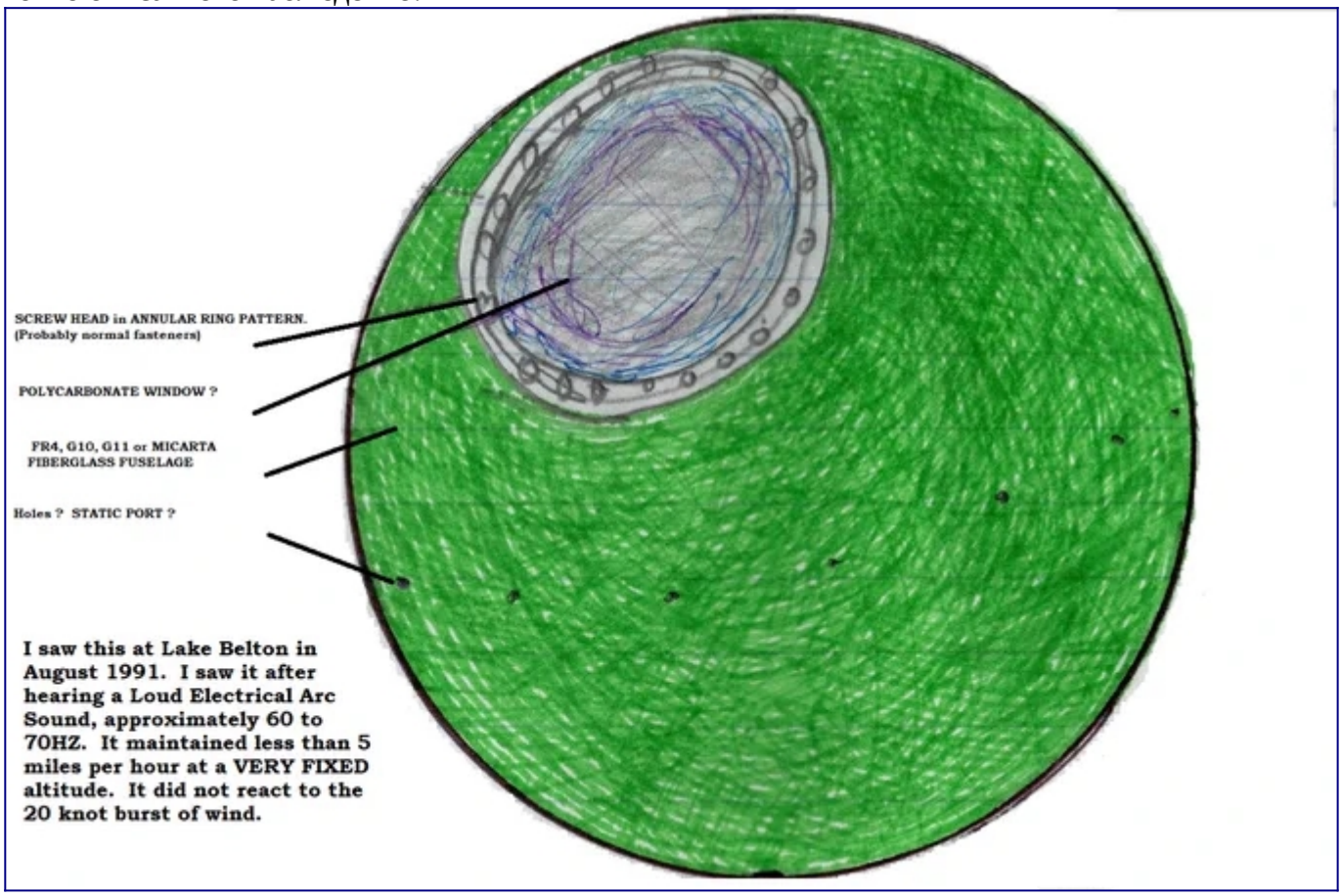
2 Jan 2024
Replying to @NotNeftedollar @neftedollar
Я ловил рыбу на озере Белтон, а не на сельдь, и еще в 1991 году увидел ее, плавающую примерно в 30 метрах над моей головой. Выглядело так, будто он был сделан из стекловолокна FG 4. Вы когда-нибудь видели что-нибудь подобное? Если да, можете ли вы точно описать это наблюдение?



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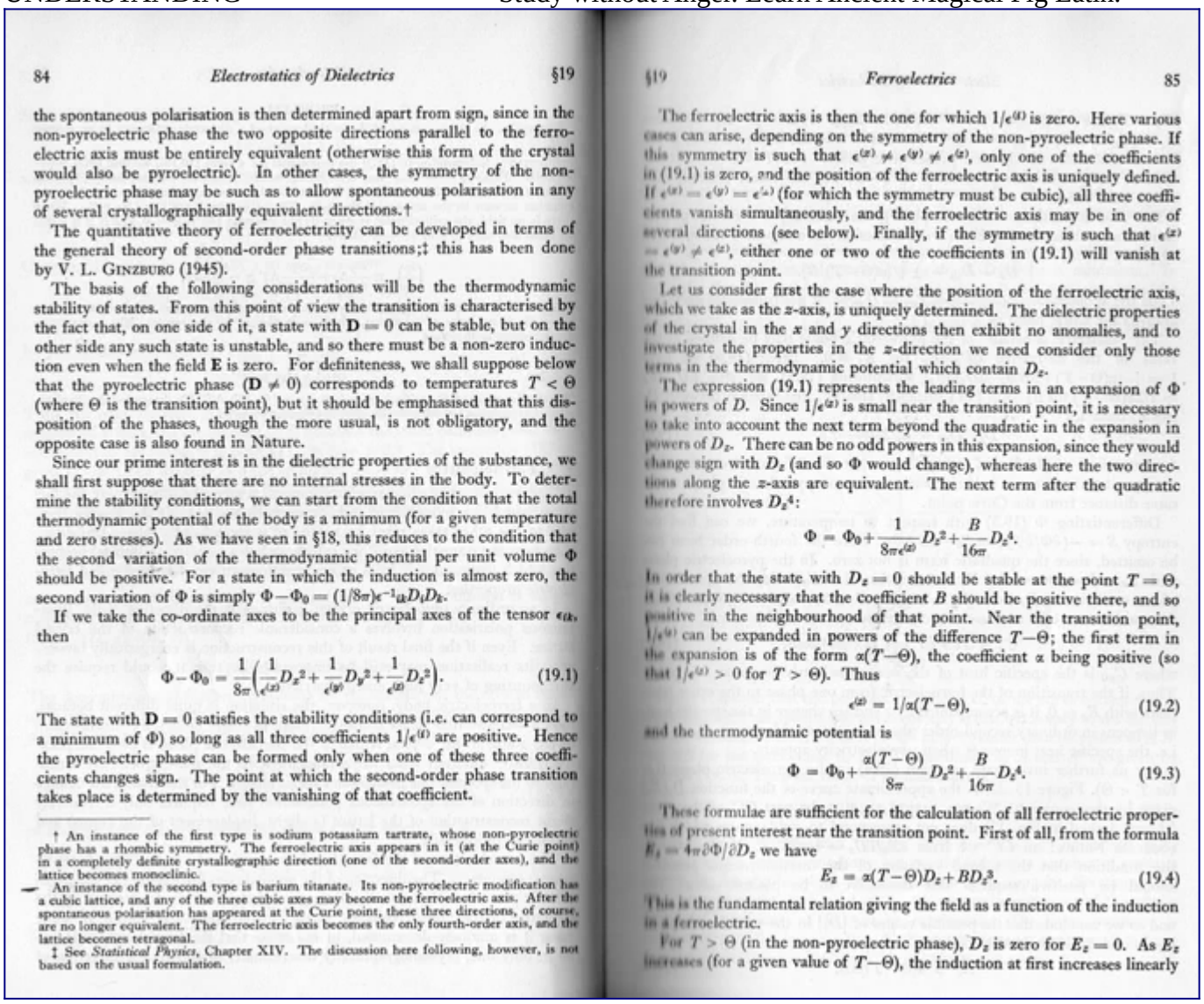
30 Dec 2023
MISUNDERSTANDING + Thinking your Smart and know more than the Textbooks. ≠ UNDERSTANDING ---------- Study without Anger. Learn Ancient Magical Pig Latin.



84 *Electrostatics of Dielectrics* §19

the spontaneous polarisation is then determined apart from sign, since in the non-pyroelectric phase the two opposite directions parallel to the ferroelectric axis must be entirely equivalent (otherwise this form of the crystal would also be pyroelectric). In other cases, the symmetry of the non-pyroelectric phase may be such as to allow spontaneous polarisation in any of several crystallographically equivalent directions.†

The quantitative theory of ferroelectricity can be developed in terms of the general theory of second-order phase transitions;‡ this has been done by V. L. GINZBURG (1945).

The basis of the following considerations will be the thermodynamic stability of states. From this point of view the transition is characterised by the fact that, on one side of it, a state with $\mathbf{D} = 0$ can be stable, but on the other side any such state is unstable, and so there must be a non-zero induction even when the field $\mathbf{E}$ is zero. For definiteness, we shall suppose below that the pyroelectric phase ($\mathbf{D} \neq 0$) corresponds to temperatures $T < \Theta$ (where Θ is the transition point), but it should be emphasised that this disposition of the phases, though the more usual, is not obligatory, and the opposite case is also found in Nature.

Since our prime interest is in the dielectric properties of the substance, we shall first suppose that there are no internal stresses in the body. To determine the stability conditions, we can start from the condition that the total thermodynamic potential of the body is a minimum (for a given temperature and zero stresses). As we have seen in §18, this reduces to the condition that the second variation of the thermodynamic potential per unit volume Φ should be positive. For a state in which the induction is almost zero, the second variation of Φ is simply $\Phi - \Phi_0 = (1/8\pi)\epsilon^{-1}_{ik} D_i D_k$.

If we take the co-ordinate axes to be the principal axes of the tensor ϵ_{ik}, then

$$\Phi - \Phi_0 = \frac{1}{8\pi}\left(\frac{1}{\epsilon^{(x)}} D_x^2 + \frac{1}{\epsilon^{(y)}} D_y^2 + \frac{1}{\epsilon^{(z)}} D_z^2\right). \tag{19.1}$$

The state with $\mathbf{D} = 0$ satisfies the stability conditions (i.e. can correspond to a minimum of Φ) so long as all three coefficients $1/\epsilon^{(i)}$ are positive. Hence the pyroelectric phase can be formed only when one of these three coefficients changes sign. The point at which the second-order phase transition takes place is determined by the vanishing of that coefficient.

† An instance of the first type is sodium potassium tartrate, whose non-pyroelectric phase has a rhombic symmetry. The ferroelectric axis appears in it (at the Curie point) in a completely definite crystallographic direction (one of the second-order axes), and the lattice becomes monoclinic.

An instance of the second type is barium titanate. Its non-pyroelectric modification has a cubic lattice, and any of the three cubic axes may become the ferroelectric axis. After the spontaneous polarisation has appeared at the Curie point, these three directions, of course, are no longer equivalent. The ferroelectric axis becomes the only fourth-order axis, and the lattice becomes tetragonal.

‡ See *Statistical Physics*, Chapter XIV. The discussion here following, however, is not based on the usual formulation.

§19 *Ferroelectrics* 85

The ferroelectric axis is then the one for which $1/\epsilon^{(i)}$ is zero. Here various cases can arise, depending on the symmetry of the non-pyroelectric phase. If this symmetry is such that $\epsilon^{(x)} \neq \epsilon^{(y)} \neq \epsilon^{(z)}$, only one of the coefficients in (19.1) is zero, and the position of the ferroelectric axis is uniquely defined. If $\epsilon^{(x)} = \epsilon^{(y)} = \epsilon^{(z)}$ (for which the symmetry must be cubic), all three coefficients vanish simultaneously, and the ferroelectric axis may be in one of several directions (see below). Finally, if the symmetry is such that $\epsilon^{(x)} = \epsilon^{(y)} \neq \epsilon^{(z)}$, either one or two of the coefficients in (19.1) will vanish at the transition point.

Let us consider first the case where the position of the ferroelectric axis, which we take as the z-axis, is uniquely determined. The dielectric properties of the crystal in the x and y directions then exhibit no anomalies, and to investigate the properties in the z-direction we need consider only those terms in the thermodynamic potential which contain D_z.

The expression (19.1) represents the leading terms in an expansion of Φ in powers of D. Since $1/\epsilon^{(z)}$ is small near the transition point, it is necessary to take into account the next term beyond the quadratic in the expansion in powers of D_z. There can be no odd powers in this expansion, since they would change sign with D_z (and so Φ would change), whereas here the two directions along the z-axis are equivalent. The next term after the quadratic therefore involves D_z^4:

$$\Phi = \Phi_0 + \frac{1}{8\pi\epsilon^{(z)}} D_z^2 + \frac{B}{16\pi} D_z^4.$$

In order that the state with $D_z = 0$ should be stable at the point $T = \Theta$, it is clearly necessary that the coefficient B should be positive there, and so positive in the neighbourhood of that point. Near the transition point, $1/\epsilon^{(z)}$ can be expanded in powers of the difference $T - \Theta$; the first term in the expansion is of the form $\alpha(T-\Theta)$, the coefficient α being positive (so that $1/\epsilon^{(z)} > 0$ for $T > \Theta$). Thus

$$\epsilon^{(z)} = 1/\alpha(T-\Theta), \tag{19.2}$$

and the thermodynamic potential is

$$\Phi = \Phi_0 + \frac{\alpha(T-\Theta)}{8\pi} D_z^2 + \frac{B}{16\pi} D_z^4. \tag{19.3}$$

These formulae are sufficient for the calculation of all ferroelectric properties of present interest near the transition point. First of all, from the formula $E_z = 4\pi \partial\Phi/\partial D_z$ we have

$$E_z = \alpha(T-\Theta) D_z + B D_z^3. \tag{19.4}$$

This is the fundamental relation giving the field as a function of the induction in a ferroelectric.

For $T > \Theta$ (in the non-pyroelectric phase), D_z is zero for $E_z = 0$. As E_z increases (for a given value of $T-\Theta$), the induction at first increases linearly

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Ti++y Magic = Element 115, Tachyons, Gravitons, Bending Time and Space, Swapping Energy for Space, Limitations on Nature but I'm Open to Alien/Demon possibilities, cause Demons burn from UV-C too.
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Anti-Matter: The Backside of a Forward moving Particle.
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30 Dec 2023
How does Pair Production contribute to ION generation ? yewtu.be/watch?v=EZoI6dD5…

Pair Production and Annihilation - A Level Physics

When a particle meets its antiparticle, they annihilate and form pure energy. This energy is carried away by two photons. The reverse can happen too! A photo...

youtube.com

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Reaction Wheels in UAP/UFOs do not contribute to LIFT/Gravity NULLing Bouyancy System. Reaction wheels give Attitude Orientation only. Gravitation is a very LOCAL force. No 'Magic' Element 115 here.

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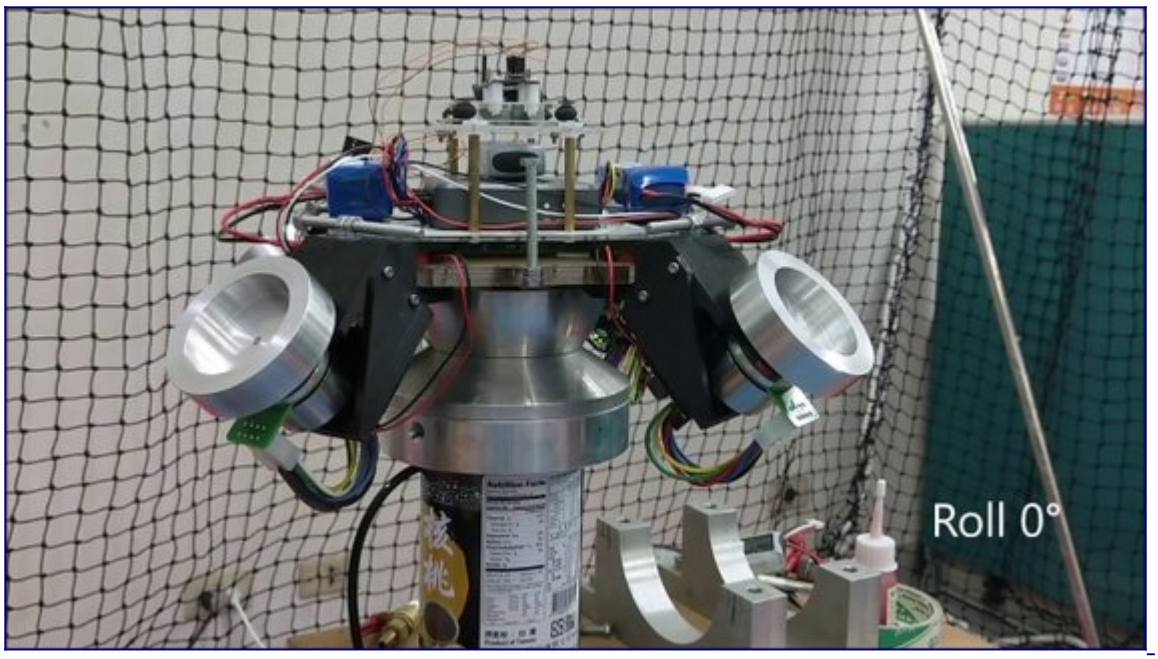
How Does the ATTITUDE 'COMMAND' SYSTEM work on UAPs/UFOs ? Wheel get around to that..... youtu.be/watch?v=_UnAryf8…



Satellite Reaction Wheel Attitude Control System

StoneLab , National Chiao Tung University (NCTU), TaiwanAdviser: professor-Stone Chengresearcher: Lin wun-sheng(Master degree student)

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Dec 2023
Q?: How do you "STEP" around the "Distance/Energy" propagation rule ? A: LONGITUDALY.
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30 Dec 2023
God Bless Eric Hermanson !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Dec 2023
What we percieve of electricity, at the Marcro-Scale, is very, very, very fine Kinetic Force.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
30 Dec 2023
Replying to @XVanFleet
God Bless Xi Van Fleet !
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Dec 2023
All UAP reserchers need to understand LC Oscillator Circuits. youtu.be/results?search_q…
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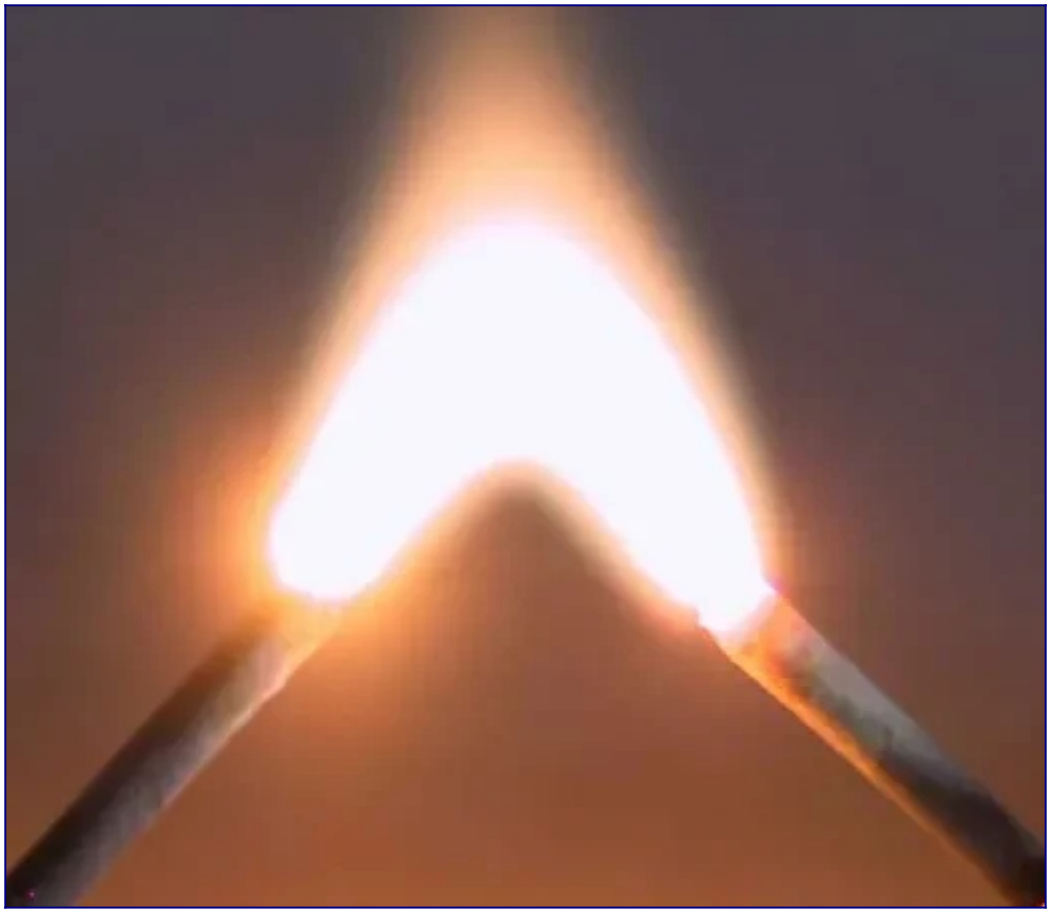
An Arc of Electricity has 4 Boundary Layers, (1) Center Superluminal core, Electron Axis (2) Mid-KINETIC Layer, Axially bent and annular shaped. (3) Diffused Magnetic Layer, Annular Shaped. (4) Surrounding Gas/Liquid or Plasma(Vacuum Media Layer) Media.



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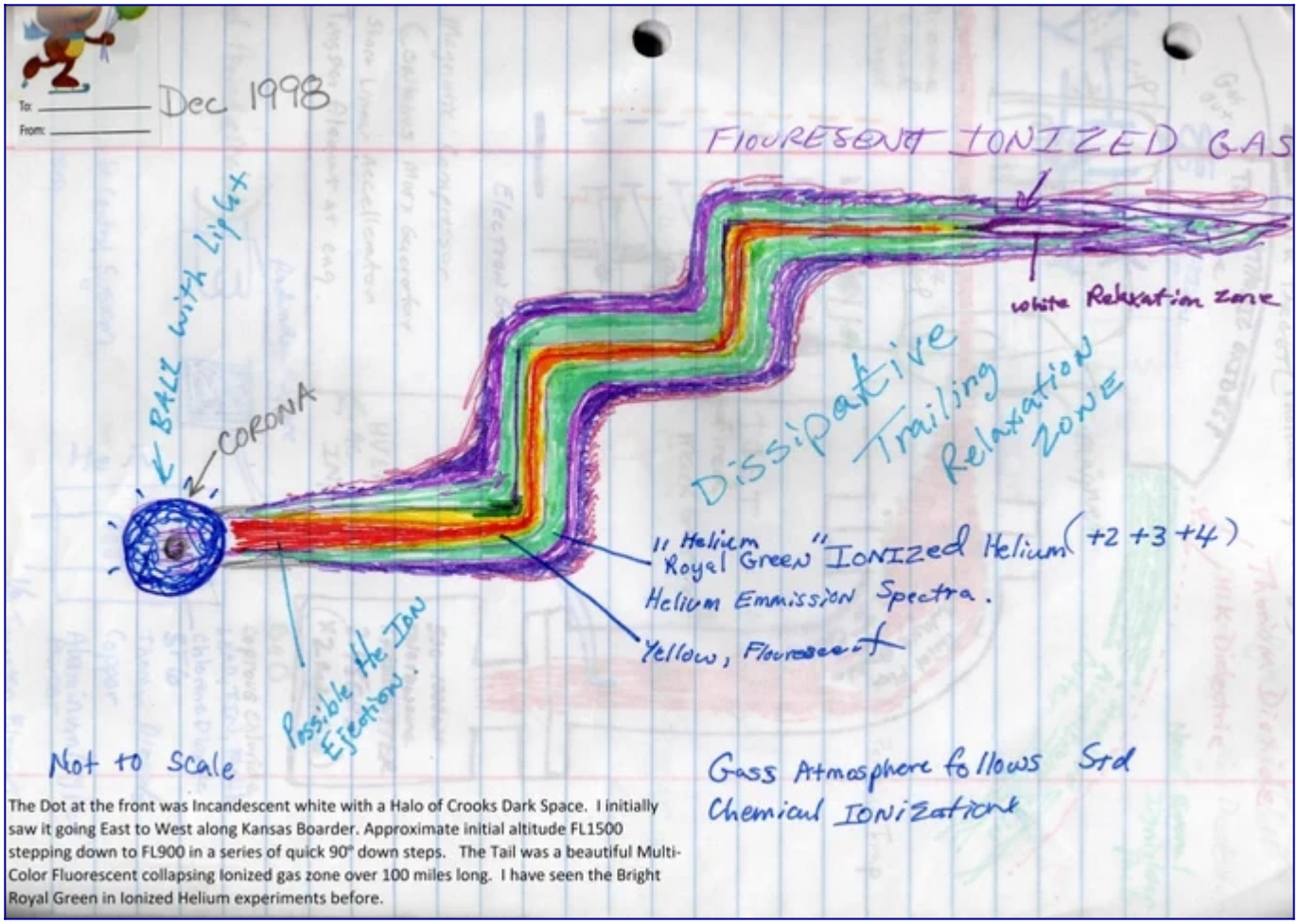
I saw this in 1998 from the cockpit of a KC-135.



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Ancient Alien Crystal Magic..... is Fake Science.

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Ancient Crystal Magic for your UAP. youtu.be/watch?v=P9OOVaav…

Turning Sand into Sillicon Metal

Sand to sillicon metal, making sillicon, chemistry experiment very cool. Amateur chemistry experiments done in controlled environment, This video has been d...

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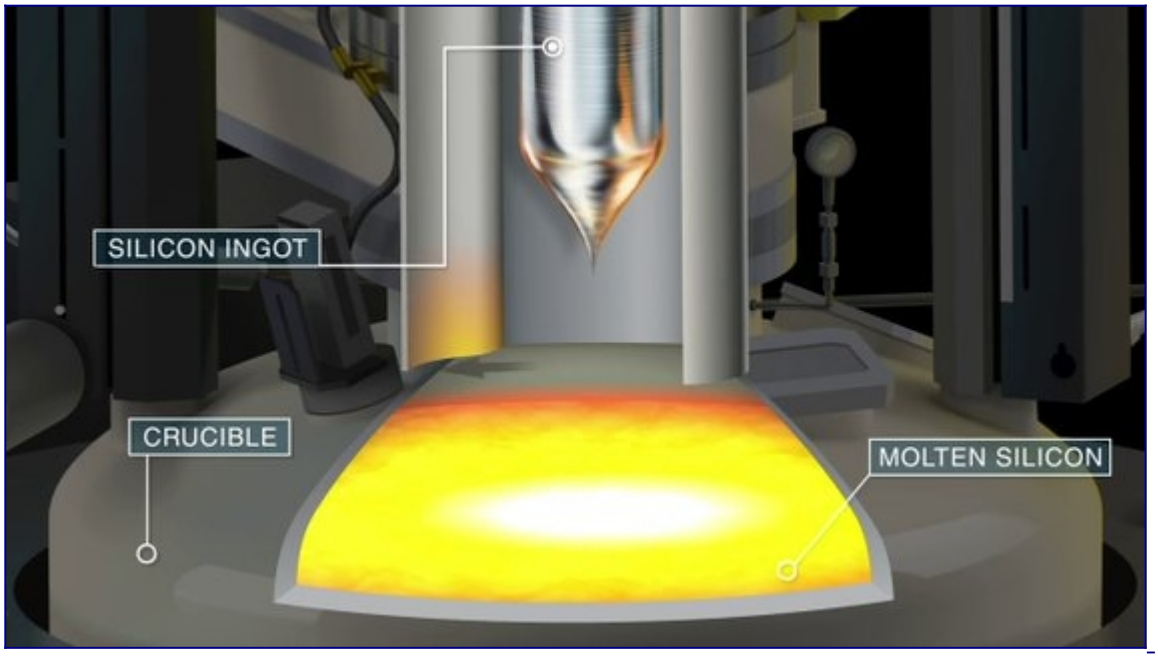
Making magic Crystals for your ELECTRIC PROPULSIVE SPACECRAFT. youtu.be/watch?v=xo-ir73T…



Animation of silicon ingot growth inside an LCT furnace

Watch how Linton Crystal grows crystals in this animation of silicon ingot growth inside an LCT furnace

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Making Magic Crystal for your spaceship..... youtu.be/watch?v=Ik5HRyJH…

Growing Copper sulfate giant crystal at home! Grow crystals chemical...

How to make copper sulfate crystals at home? It's actually pretty easy! 👉 SUBSCRIBE FOR MORE CONTENT: https://www.youtube.com/channel/UC7P850oMB3Yoc2_4kyImP...

youtube.com
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Q?: How do you increase a naturally weak Magnetic Field, to increse Electron Velocity ? A: You PINCH on the Z Axis. Don't let that get Pinched into the dustbin.

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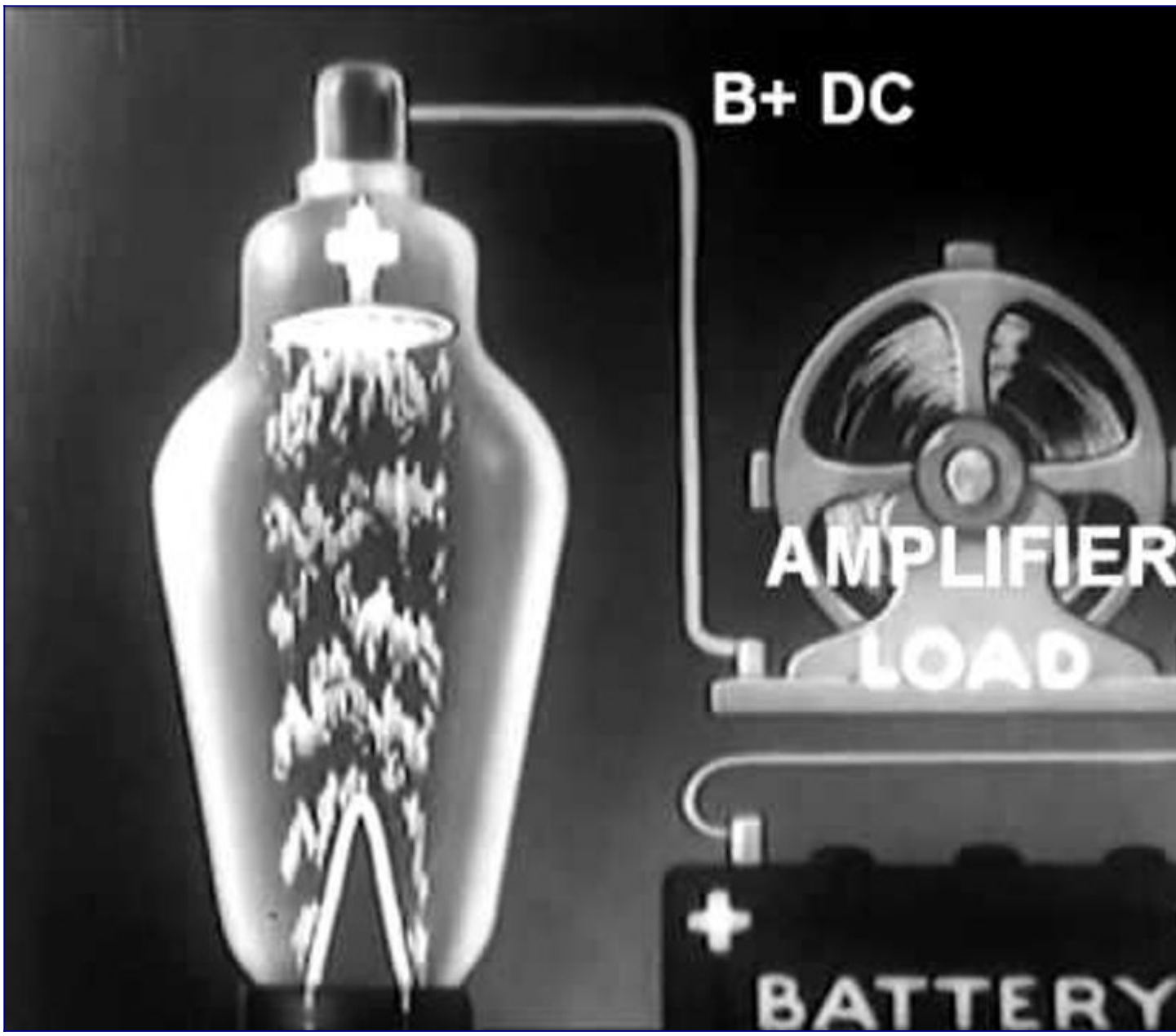
Vacuum tubes have Filament heaters to get lazy Electrons moving their butts outta da house. ELECTRCAL PROPULSIVE SPACECRAFT utilize Filament heaters in their Triple Hull construction. Are your Electrons Lazy Bums? youtu.be/watch?v=nA_tgIyg…



How Vacuum Tubes Work

I edited and annotated the original 28 minute film "Electronics at Work" down to 3.5 minutes. The annotations help explain how electronic vacuum tubes flow e...

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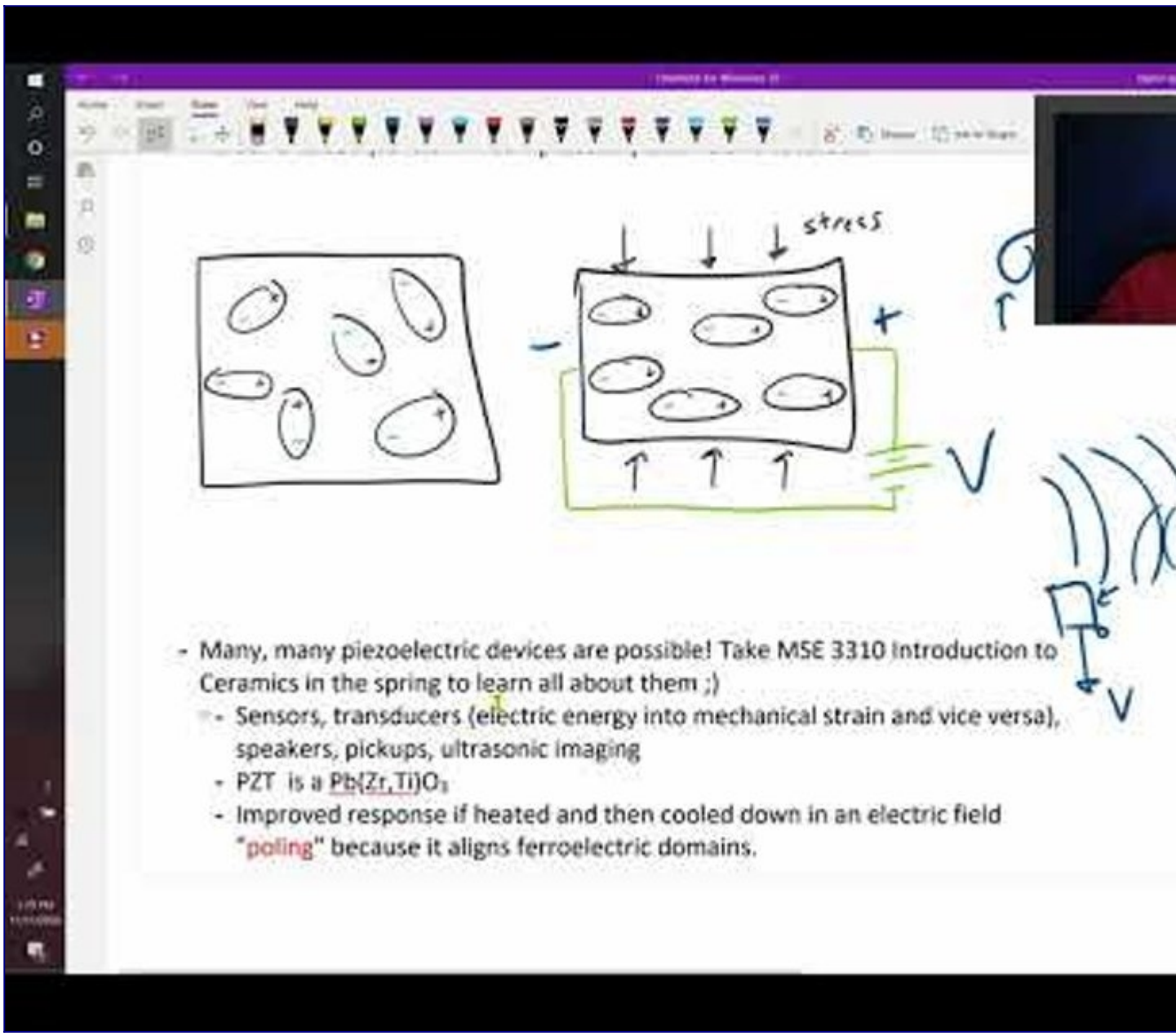
Hydrogen can be alloyed into the metalic surface of your spacecraft's fuselage skin, increasing the Ferro-Electric Ionization response. This causes Superconduction of the surface upon excitation with HV osillatory Low Frequency 1/4 Wave. youtu.be/watch?v=fI4ihFp …



Ferroelectrics and Piezoelectrics

Why is it that titanates and zirconates can achieve such remarkably large dielectric constants? These perovskites have ions that can move substantially as th...

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Thermal Metal/Ceramic matrix coatings are not 'Magical" Alien Meta-materials. Fusion of metal at atomic level. Manmade technolgy. youtu.be/shorts/5U_zmxjt6…

Twin Wire Arc Spray Metalizing 3/16" Zinc

TMS Bridgemaster spraying 3/16" Zinc wire on pipe in a coatings facility.For more information visit:www.tmsmetalizing.com

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Sputter Coatings are not "magical" Alien Meta-Materials. It is Manmade technology for your Spacecraft. youtu.be/watch?v=aPe7HbKB…

Sputter Coating (v1)

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30 Dec 2023
Vacuum Deposition technology is not Alien Technology. Manmade Crystalline Film Coating is not “magic” meta-materials. youtu.be/watch?v=6mDQ_Ami…

High Vacuum Chamber for THIN FILM DEPOSITION Build

I built a physical deposition chamber, for now it's just evaporative deposition but I plan on adding a few other variants. The thin films created can be use...

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Plasma Spray Coat is not Alien Technology nor 'magical' Meta-Materials. Atomic level Fusion of Ceramic and metal matrix. FUSION of a parent Metal base to another Crystaline (Semi-Metal) Metal material. youtu.be/watch?v=GrmiCh5v…

Thermal spraying of ceramic coatings with HVOF TopGun at Fraunhofer...

The video shows the High Velocity Oxygen Fuel (HVOF) flame spraying process with a TopGun spray gun (GTV mbH) to apply ceramic coatings on cylindrical metall...

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Things don't have to get hot to float. Unless your a crappy spacecraft engineer. youtu.be/watch?v=iC21sjlh…
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30 Dec 2023
It doesn't have to get hot to float. Keep that in mind. youtu.be/watch?v=VydPQuLy…

Levitation Coil - Induction Heating

"Induction heating. Basically the idea is you pass an alternating current through the copper coils. This induces an alternating magnetic field which in turn ...

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30 Dec 2023
Replying to @Michael_Yon
God less Michael Yon.
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30 Dec 2023
Replying to @BrianJo78940026
US We people of Earth whom reject Marixist tactics of Keeping Secrets from the common man. we whom don't look to Secrets for UAP technology. We sharpen our minds and spirits to learn how to Go to the Stars.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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30 Dec 2023
Replying to @mrjeffknox
Looks like the Alien engineers were making junk back then.
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30 Dec 2023
Who are you looking at ? apps.dtic.mil/sti/pdfs/ADA62…
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30 Dec 2023
Is your Bouyancy System Calibrated ? nvlpubs.nist.gov/nistpubs/jr…
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@TMBSPACESHIPS
30 Dec 2023
Replying to @steve_quayle
God Bless Steve Quayle.
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ELECTRICAL PROPULSIVE SPACECRAFT are incompatable with conventional RF radio systems. The idleing arc, from the Bouyancy system's field envloping the outer fuselage, is Iso-reflective to all RF signals. Communications is primairy Optical Digital Link and Coblentz Analog Radio.
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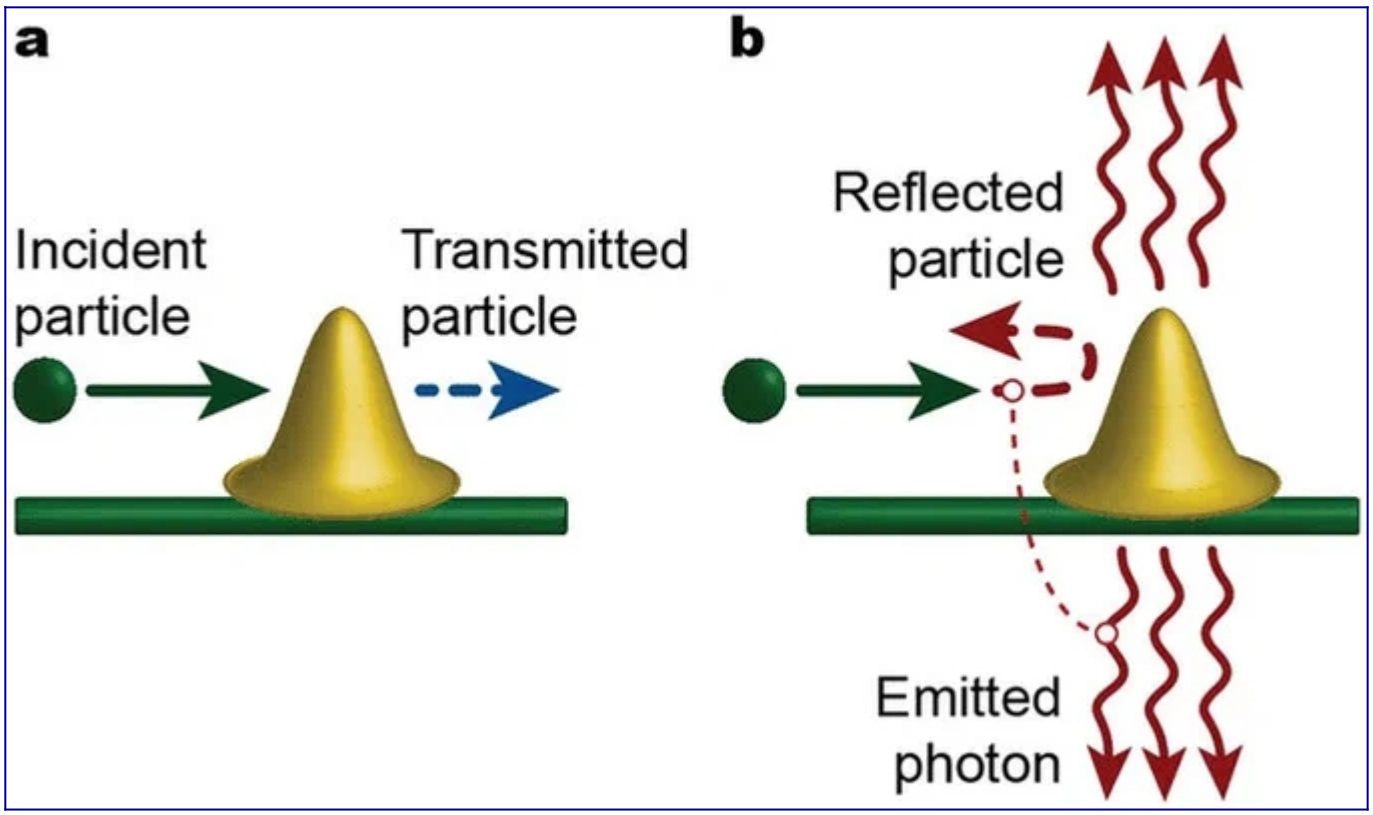
30 Dec 2023
Bending Space time Bla bla bla, Give me a brake. Bremsstrahlung FOeva.



ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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Replying to @Icculus13 @Bellator010110
Antenna on Intergalactic or Intrastellar Class,,, give me a brake (Bremsstrahlung).
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29 Dec 2023
My Pig Latin is pretty rusty So, I'll just throw up some pretty pictures for those that like Powerpoint.

the spontaneous polarisation is then determined apart from sign, since in the non-pyroelectric phase the two opposite directions parallel to the ferroelectric axis must be entirely equivalent (otherwise this form of the crystal would also be pyroelectric). In other cases, the symmetry of the non-pyroelectric phase may be such as to allow spontaneous polarisation in any of several crystallographically equivalent directions.†

The quantitative theory of ferroelectricity can be developed in terms of the general theory of second-order phase transitions;‡ this has been done by V. L. GINZBURG (1945).

The basis of the following considerations will be the thermodynamic stability of states. From this point of view the transition is characterised by the fact that, on one side of it, a state with $\mathbf{D} = 0$ can be stable, but on the other side any such state is unstable, and so there must be a non-zero induction even when the field $\mathbf{E}$ is zero. For definiteness, we shall suppose below that the pyroelectric phase ($\mathbf{D} \neq 0$) corresponds to temperatures $T < \Theta$ (where Θ is the transition point), but it should be emphasised that this disposition of the phases, though the more usual, is not obligatory, and the opposite case is also found in Nature.

Since our prime interest is in the dielectric properties of the substance, we shall first suppose that there are no internal stresses in the body. To determine the stability conditions, we can start from the condition that the total thermodynamic potential of the body is a minimum (for a given temperature and zero stresses). As we have seen in §18, this reduces to the condition that the second variation of the thermodynamic potential per unit volume Φ should be positive. For a state in which the induction is almost zero, the second variation of Φ is simply $\Phi - \Phi_0 = (1/8\pi)\epsilon^{-1}_{ik} D_i D_k$.

If we take the co-ordinate axes to be the principal axes of the tensor ϵ_{ik}, then

$$\Phi - \Phi_0 = \frac{1}{8\pi}\left(\frac{1}{\epsilon^{(x)}} D_x^2 + \frac{1}{\epsilon^{(y)}} D_y^2 + \frac{1}{\epsilon^{(z)}} D_z^2\right). \tag{19.1}$$

The state with $\mathbf{D} = 0$ satisfies the stability conditions (i.e. can correspond to a minimum of Φ) so long as all three coefficients $1/\epsilon^{(i)}$ are positive. Hence the pyroelectric phase can be formed only when one of these three coefficients changes sign. The point at which the second-order phase transition takes place is determined by the vanishing of that coefficient.

† An instance of the first type is sodium potassium tartrate, whose non-pyroelectric phase has a rhombic symmetry. The ferroelectric axis appears in it (at the Curie point) in a completely definite crystallographic direction (one of the second-order axes), and the lattice becomes monoclinic.

An instance of the second type is barium titanate. Its non-pyroelectric modification has a cubic lattice, and any of the three cubic axes may become the ferroelectric axis. After the spontaneous polarisation has appeared at the Curie point, these three directions, of course, are no longer equivalent. The ferroelectric axis becomes the only fourth-order axis, and the lattice becomes tetragonal.

‡ See *Statistical Physics*, Chapter XIV. The discussion here following, however, is not based on the usual formulation.

The ferroelectric axis is then the one for which $1/\epsilon^{(i)}$ is zero. Here various cases can arise, depending on the symmetry of the non-pyroelectric phase. If this symmetry is such that $\epsilon^{(x)} \neq \epsilon^{(y)} \neq \epsilon^{(z)}$, only one of the coefficients in (19.1) is zero, and the position of the ferroelectric axis is uniquely defined. If $\epsilon^{(x)} = \epsilon^{(y)} = \epsilon^{(z)}$ (for which the symmetry must be cubic), all three coefficients vanish simultaneously, and the ferroelectric axis may be in one of several directions (see below). Finally, if the symmetry is such that $\epsilon^{(x)} = \epsilon^{(y)} \neq \epsilon^{(z)}$, either one or two of the coefficients in (19.1) will vanish at the transition point.

Let us consider first the case where the position of the ferroelectric axis, which we take as the z-axis, is uniquely determined. The dielectric properties of the crystal in the x and y directions then exhibit no anomalies, and to investigate the properties in the z-direction we need consider only those terms in the thermodynamic potential which contain D_z.

The expression (19.1) represents the leading terms in an expansion of Φ in powers of D. Since $1/\epsilon^{(z)}$ is small near the transition point, it is necessary to take into account the next term beyond the quadratic in the expansion in powers of D_z. There can be no odd powers in this expansion, since they would change sign with D_z (and so Φ would change), whereas here the two directions along the z-axis are equivalent. The next term after the quadratic therefore involves D_z^4:

$$\Phi = \Phi_0 + \frac{1}{8\pi\epsilon^{(z)}} D_z^2 + \frac{B}{16\pi} D_z^4.$$

In order that the state with $D_z = 0$ should be stable at the point $T = \Theta$, it is clearly necessary that the coefficient B should be positive there, and so positive in the neighbourhood of that point. Near the transition point, $1/\epsilon^{(z)}$ can be expanded in powers of the difference $T - \Theta$; the first term in the expansion is of the form $\alpha(T - \Theta)$, the coefficient α being positive (so that $1/\epsilon^{(z)} > 0$ for $T > \Theta$). Thus

$$\epsilon^{(z)} = 1/\alpha(T - \Theta), \tag{19.2}$$

and the thermodynamic potential is

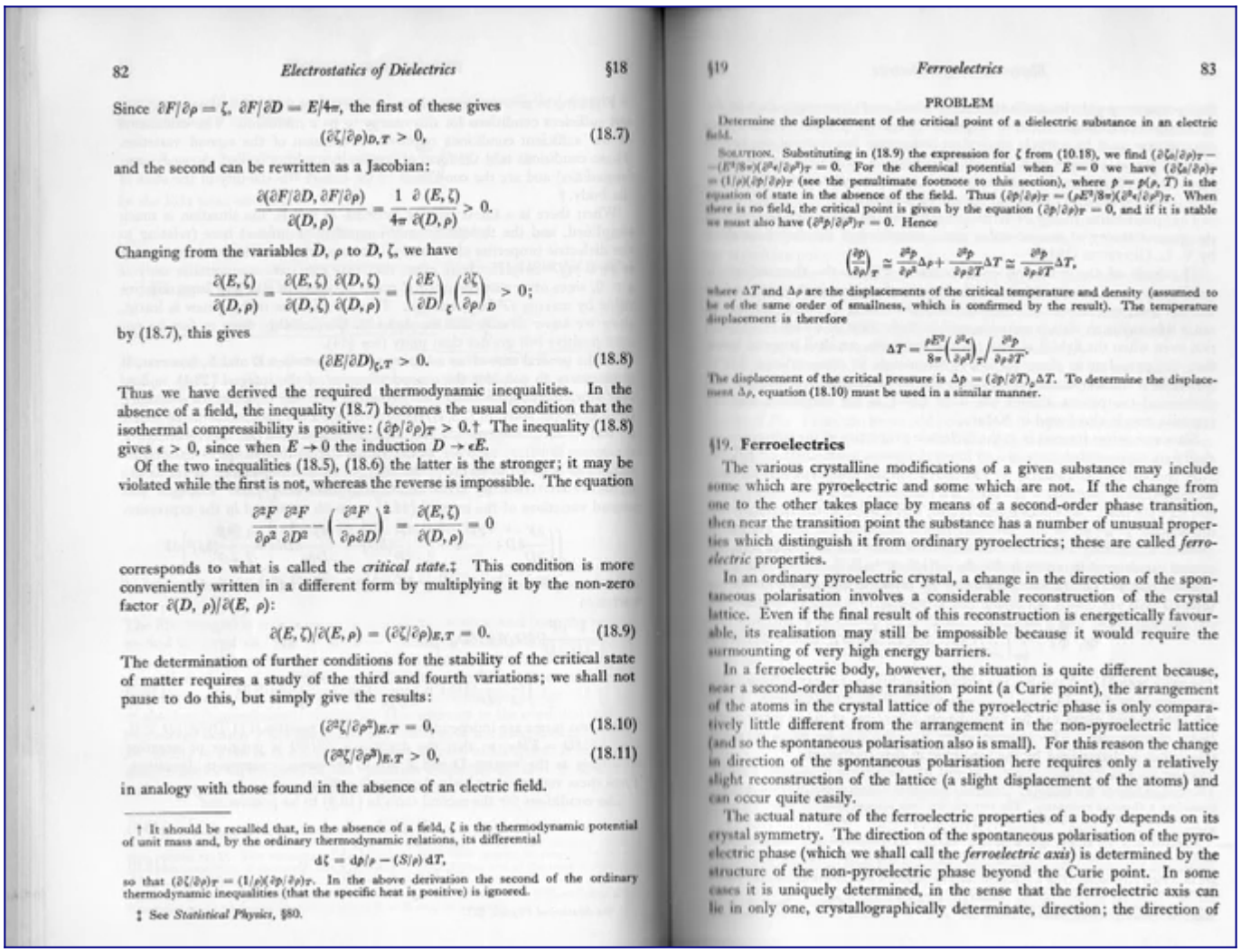
$$\Phi = \Phi_0 + \frac{\alpha(T - \Theta)}{8\pi} D_z^2 + \frac{B}{16\pi} D_z^4. \tag{19.3}$$

These formulae are sufficient for the calculation of all ferroelectric properties of present interest near the transition point. First of all, from the formula $E_z = 4\pi\partial\Phi/\partial D_z$ we have

$$E_z = \alpha(T - \Theta) D_z + B D_z^3. \tag{19.4}$$

This is the fundamental relation giving the field as a function of the induction in a ferroelectric.

For $T > \Theta$ (in the non-pyroelectric phase), D_z is zero for $E_z = 0$. As E_z increases (for a given value of $T - \Theta$), the induction at first increases linearly



82 *Electrostatics of Dielectrics* §18

Since $\partial F/\partial\rho = \zeta$, $\partial F/\partial D = E/4\pi$, the first of these gives

$$(\partial\zeta/\partial\rho)_{D,T} > 0, \tag{18.7}$$

and the second can be rewritten as a Jacobian:

$$\frac{\partial(\partial F/\partial D, \partial F/\partial\rho)}{\partial(D,\rho)} = \frac{1}{4\pi}\frac{\partial(E,\zeta)}{\partial(D,\rho)} > 0.$$

Changing from the variables D, ρ to D, ζ, we have

$$\frac{\partial(E,\zeta)}{\partial(D,\rho)} = \frac{\partial(E,\zeta)}{\partial(D,\zeta)}\frac{\partial(D,\zeta)}{\partial(D,\rho)} = \left(\frac{\partial E}{\partial D}\right)_\zeta\left(\frac{\partial\zeta}{\partial\rho}\right)_D > 0;$$

by (18.7), this gives

$$(\partial E/\partial D)_{\zeta,T} > 0. \tag{18.8}$$

Thus we have derived the required thermodynamic inequalities. In the absence of a field, the inequality (18.7) becomes the usual condition that the isothermal compressibility is positive: $(\partial\rho/\partial\rho)_T > 0$.† The inequality (18.8) gives $\epsilon > 0$, since when $E \to 0$ the induction $D \to \epsilon E$.

Of the two inequalities (18.5), (18.6) the latter is the stronger; it may be violated while the first is not, whereas the reverse is impossible. The equation

$$\frac{\partial^2 F}{\partial\rho^2}\frac{\partial^2 F}{\partial D^2} - \left(\frac{\partial^2 F}{\partial\rho\partial D}\right)^2 = \frac{\partial(E,\zeta)}{\partial(D,\rho)} = 0$$

corresponds to what is called the *critical state*.‡ This condition is more conveniently written in a different form by multiplying it by the non-zero factor $\partial(D,\rho)/\partial(E,\rho)$:

$$\partial(E,\zeta)/\partial(E,\rho) = (\partial\zeta/\partial\rho)_{E,T} = 0. \tag{18.9}$$

The determination of further conditions for the stability of the critical state of matter requires a study of the third and fourth variations; we shall not pause to do this, but simply give the results:

$$(\partial^2\zeta/\partial\rho^2)_{E,T} = 0, \tag{18.10}$$

$$(\partial^3\zeta/\partial\rho^3)_{E,T} > 0, \tag{18.11}$$

in analogy with those found in the absence of an electric field.

† It should be recalled that, in the absence of a field, ζ is the thermodynamic potential of unit mass and, by the ordinary thermodynamic relations, its differential

$$d\zeta = d\rho/\rho - (S/\rho)\,dT,$$

so that $(\partial\zeta/\partial\rho)_T = (1/\rho)(\partial p/\partial\rho)_T$. In the above derivation the second of the ordinary thermodynamic inequalities (that the specific heat is positive) is ignored.

‡ See *Statistical Physics*, §80.

§19 *Ferroelectrics* 83

PROBLEM

Determine the displacement of the critical point of a dielectric substance in an electric field.

SOLUTION. Substituting in (18.9) the expression for ζ from (10.18), we find $(\partial\zeta_0/\partial\rho)_T - (E^2/8\pi)(\partial^2\epsilon/\partial\rho^2)_T = 0$. For the chemical potential when $E = 0$ we have $(\partial\zeta_0/\partial\rho)_T = (1/\rho)(\partial p/\partial\rho)_T$ (see the penultimate footnote to this section), where $p = p(\rho, T)$ is the equation of state in the absence of the field. Thus $(\partial p/\partial\rho)_T = (\rho E^2/8\pi)(\partial^2\epsilon/\partial\rho^2)_T$. When there is no field, the critical point is given by the equation $(\partial p/\partial\rho)_T = 0$, and if it is stable we must also have $(\partial^2 p/\partial\rho^2)_T = 0$. Hence

$$\left(\frac{\partial p}{\partial\rho}\right)_T \simeq \frac{\partial^2 p}{\partial\rho^2}\Delta\rho + \frac{\partial^2 p}{\partial\rho\partial T}\Delta T \simeq \frac{\partial^2 p}{\partial\rho\partial T}\Delta T,$$

where ΔT and $\Delta\rho$ are the displacements of the critical temperature and density (assumed to be of the same order of smallness, which is confirmed by the result). The temperature displacement is therefore

$$\Delta T = \frac{\rho E^2}{8\pi}\left(\frac{\partial^2\epsilon}{\partial\rho^2}\right)_T \Big/ \frac{\partial^2 p}{\partial\rho\partial T}.$$

The displacement of the critical pressure is $\Delta p = (\partial p/\partial T)_\rho \Delta T$. To determine the displacement $\Delta\rho$, equation (18.10) must be used in a similar manner.

§19. Ferroelectrics

The various crystalline modifications of a given substance may include some which are pyroelectric and some which are not. If the change from one to the other takes place by means of a second-order phase transition, then near the transition point the substance has a number of unusual properties which distinguish it from ordinary pyroelectrics; these are called *ferroelectric* properties.

In an ordinary pyroelectric crystal, a change in the direction of the spontaneous polarisation involves a considerable reconstruction of the crystal lattice. Even if the final result of this reconstruction is energetically favourable, its realisation may still be impossible because it would require the surmounting of very high energy barriers.

In a ferroelectric body, however, the situation is quite different because, near a second-order phase transition point (a Curie point), the arrangement of the atoms in the crystal lattice of the pyroelectric phase is only comparatively little different from the arrangement in the non-pyroelectric lattice (and so the spontaneous polarisation also is small). For this reason the change in direction of the spontaneous polarisation here requires only a relatively slight reconstruction of the lattice (a slight displacement of the atoms) and can occur quite easily.

The actual nature of the ferroelectric properties of a body depends on its crystal symmetry. The direction of the spontaneous polarisation of the pyroelectric phase (which we shall call the *ferroelectric axis*) is determined by the structure of the non-pyroelectric phase beyond the Curie point. In some cases it is uniquely determined, in the sense that the ferroelectric axis can lie in only one, crystallographically determinate, direction; the direction of

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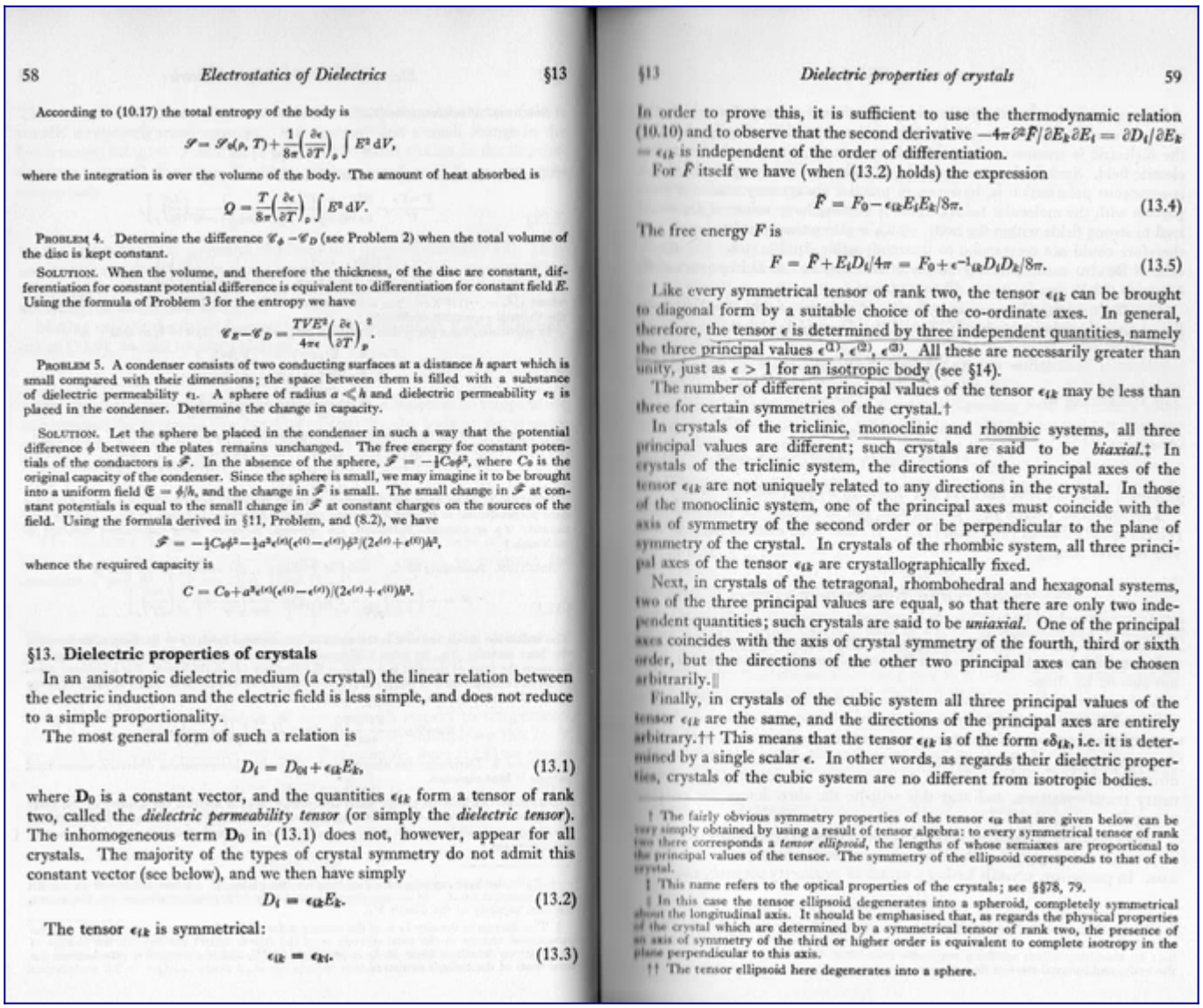
I found and translated an ancient Pig Latin text on Crystal magic. (Translated) Crystal are sometimes conductive on 1 axis of it's Grain(Lattice). Sometimes it's Conductive on 2 Axis of it's Grain. and 'SOMETIMES' it's conductive on all axi, even if it looks like glass.👽



58 *Electrostatics of Dielectrics* §13

According to (10.17) the total entropy of the body is

$$\mathscr{S} = \mathscr{S}_0(\rho, T) + \frac{1}{8\pi}\left(\frac{\partial \epsilon}{\partial T}\right)_\rho \int E^2 \, dV,$$

where the integration is over the volume of the body. The amount of heat absorbed is

$$Q = \frac{T}{8\pi}\left(\frac{\partial \epsilon}{\partial T}\right)_\rho \int E^2 \, dV.$$

PROBLEM 4. Determine the difference $\mathscr{C}_\phi - \mathscr{C}_D$ (see Problem 2) when the total volume of the disc is kept constant.

SOLUTION. When the volume, and therefore the thickness, of the disc are constant, differentiation for constant potential difference is equivalent to differentiation for constant field E. Using the formula of Problem 3 for the entropy we have

$$\mathscr{C}_E - \mathscr{C}_D = \frac{TVE^2}{4\pi\epsilon}\left(\frac{\partial \epsilon}{\partial T}\right)_\rho^2.$$

PROBLEM 5. A condenser consists of two conducting surfaces at a distance h apart which is small compared with their dimensions; the space between them is filled with a substance of dielectric permeability ϵ_1. A sphere of radius $a \ll h$ and dielectric permeability ϵ_2 is placed in the condenser. Determine the change in capacity.

SOLUTION. Let the sphere be placed in the condenser in such a way that the potential difference ϕ between the plates remains unchanged. The free energy for constant potentials of the conductors is $\mathscr{F}$. In the absence of the sphere, $\mathscr{F} = -\frac{1}{2}C_0\phi^2$, where C_0 is the original capacity of the condenser. Since the sphere is small, we may imagine it to be brought into a uniform field $\mathfrak{E} = \phi/h$, and the change in $\mathscr{F}$ is small. The small change in $\mathscr{F}$ at constant potentials is equal to the small change in $\mathscr{F}$ at constant charges on the sources of the field. Using the formula derived in §11, Problem, and (8.2), we have

$$\mathscr{F} = -\tfrac{1}{2}C_0\phi^2 - \tfrac{1}{2}a^3\epsilon^{(e)}(\epsilon^{(i)} - \epsilon^{(e)})\phi^2/(2\epsilon^{(e)} + \epsilon^{(i)})h^3,$$

whence the required capacity is

$$C = C_0 + a^3\epsilon^{(e)}(\epsilon^{(i)} - \epsilon^{(e)})/(2\epsilon^{(e)} + \epsilon^{(i)})h^3.$$

§13. Dielectric properties of crystals

In an anisotropic dielectric medium (a crystal) the linear relation between the electric induction and the electric field is less simple, and does not reduce to a simple proportionality.

The most general form of such a relation is

$$D_i = D_{0i} + \epsilon_{ik}E_k, \tag{13.1}$$

where $\mathbf{D}_0$ is a constant vector, and the quantities ϵ_{ik} form a tensor of rank two, called the *dielectric permeability tensor* (or simply the *dielectric tensor*). The inhomogeneous term $\mathbf{D}_0$ in (13.1) does not, however, appear for all crystals. The majority of the types of crystal symmetry do not admit this constant vector (see below), and we then have simply

$$D_i = \epsilon_{ik}E_k. \tag{13.2}$$

The tensor ϵ_{ik} is symmetrical:

$$\epsilon_{ik} = \epsilon_{ki}. \tag{13.3}$$

§13 *Dielectric properties of crystals* 59

In order to prove this, it is sufficient to use the thermodynamic relation (10.10) and to observe that the second derivative $-4\pi\partial^2\bar{F}/\partial E_k\partial E_i = \partial D_i/\partial E_k = \epsilon_{ik}$ is independent of the order of differentiation.

For $\bar{F}$ itself we have (when (13.2) holds) the expression

$$\bar{F} = F_0 - \epsilon_{ik}E_iE_k/8\pi. \tag{13.4}$$

The free energy F is

$$F = \bar{F} + E_iD_i/4\pi = F_0 + \epsilon^{-1}{}_{ik}D_iD_k/8\pi. \tag{13.5}$$

Like every symmetrical tensor of rank two, the tensor ϵ_{ik} can be brought to diagonal form by a suitable choice of the co-ordinate axes. In general, therefore, the tensor ϵ is determined by three independent quantities, namely the three principal values $\epsilon^{(1)}$, $\epsilon^{(2)}$, $\epsilon^{(3)}$. All these are necessarily greater than unity, just as $\epsilon > 1$ for an isotropic body (see §14).

The number of different principal values of the tensor ϵ_{ik} may be less than three for certain symmetries of the crystal.†

In crystals of the triclinic, monoclinic and rhombic systems, all three principal values are different; such crystals are said to be *biaxial*.‡ In crystals of the triclinic system, the directions of the principal axes of the tensor ϵ_{ik} are not uniquely related to any directions in the crystal. In those of the monoclinic system, one of the principal axes must coincide with the axis of symmetry of the second order or be perpendicular to the plane of symmetry of the crystal. In crystals of the rhombic system, all three principal axes of the tensor ϵ_{ik} are crystallographically fixed.

Next, in crystals of the tetragonal, rhombohedral and hexagonal systems, two of the three principal values are equal, so that there are only two independent quantities; such crystals are said to be *uniaxial*. One of the principal axes coincides with the axis of crystal symmetry of the fourth, third or sixth order, but the directions of the other two principal axes can be chosen arbitrarily.‖

Finally, in crystals of the cubic system all three principal values of the tensor ϵ_{ik} are the same, and the directions of the principal axes are entirely arbitrary.†† This means that the tensor ϵ_{ik} is of the form $\epsilon\delta_{ik}$, i.e. it is determined by a single scalar ϵ. In other words, as regards their dielectric properties, crystals of the cubic system are no different from isotropic bodies.

† The fairly obvious symmetry properties of the tensor ϵ_{ik} that are given below can be very simply obtained by using a result of tensor algebra: to every symmetrical tensor of rank two there corresponds a *tensor ellipsoid*, the lengths of whose semiaxes are proportional to the principal values of the tensor. The symmetry of the ellipsoid corresponds to that of the crystal.

‡ This name refers to the optical properties of the crystals; see §§78, 79.

‖ In this case the tensor ellipsoid degenerates into a spheroid, completely symmetrical about the longitudinal axis. It should be emphasised that, as regards the physical properties of the crystal which are determined by a symmetrical tensor of rank two, the presence of an axis of symmetry of the third or higher order is equivalent to complete isotropy in the plane perpendicular to this axis.

†† The tensor ellipsoid here degenerates into a sphere.

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Electric Propulsive Spacecraft differ from conventional Spacecraft/Aircraft in 3 Systems.

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How mamy Atoms deep are the Surface Tension currents in your Buoancy System running ? What system insturment give indication ?

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God placed no Speed Limits on the Electron. Man applies speed limits on the Electron.

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Exotic materials and elements are not required to develop Electrically Propulsive Spacecraft. Real World UAPs are more simple than you think.

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Replying to @ProfFeynman
Yes, Make your OWN Math Dictionary... Your Own.....
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Schlieren Effect is noticed in the Mirror like distortions on the surface of a Sun baked road. This is caused by the heat Ionizing Electrons and liberating them into a Bunched Zone of Free Electrons. Kerr effect's induced Refractive index change creates angles of Reflection.
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The Superluminal Boundary Later, the Speed of Light, is just a wall of Fundamental overtones. The Speed of light is the 1st Order Boundary Layer of the Superluminal Forces. Functions & Transfers are the same 1st Order Functions as the Mach Wall.
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There is no such thing as "Amplifying Gravity".
Load more
Load newest
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29 Dec 2023
Replying to @mrjeffknox
I can prove, If a wave of goes through "Nothingness", There is more "Nothing" on the Forward side of the wave,
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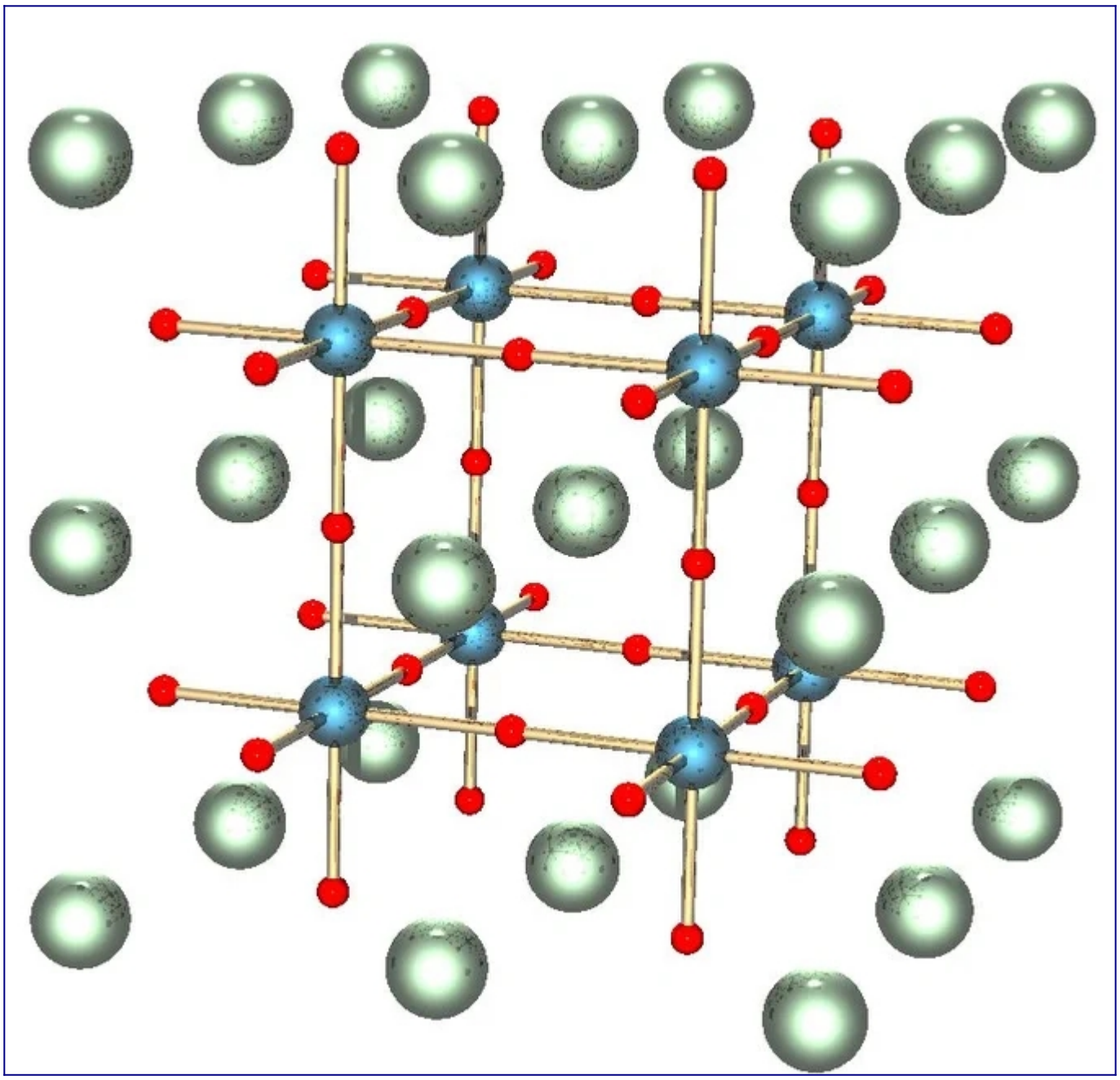
That's a HARD K to crack.



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You must model Shell-to-Shell Interfacial Tension repeatedly, repeatedly, repeatedly, when modeling the dis-solution of atomic nuclei. Stop at K, your job is done.
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Replying to @iam_mariapaula
God Bless Maria Paula !
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29 Dec 2023
How do you Dynamically model Electron Shell to Shell Clocking arraignment? The answer is going to be a shell game....
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Replying to @InterDimTravelr
I've never seen or met an Alien. There is a distraction of Observation going on. I call it exotic "Titty Magic" tech disorientation. To an engineer, Aerogel "Titty Magic" and "Titty Magic" Metamaterials are just more specification specific materials. I like Phenolic.
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29 Dec 2023
Replying to @iam_mariapaula
I have life expeirences and rare knowledge, background in 40+years of engineering. play with headphones. Pitch was correct but an rythmic arc, youtu.be/watch?v=GqwFimG3…

60 Hz Test Tone

- Sonic Electronix always strives to be the premiere online shopping destin...

youtube.com
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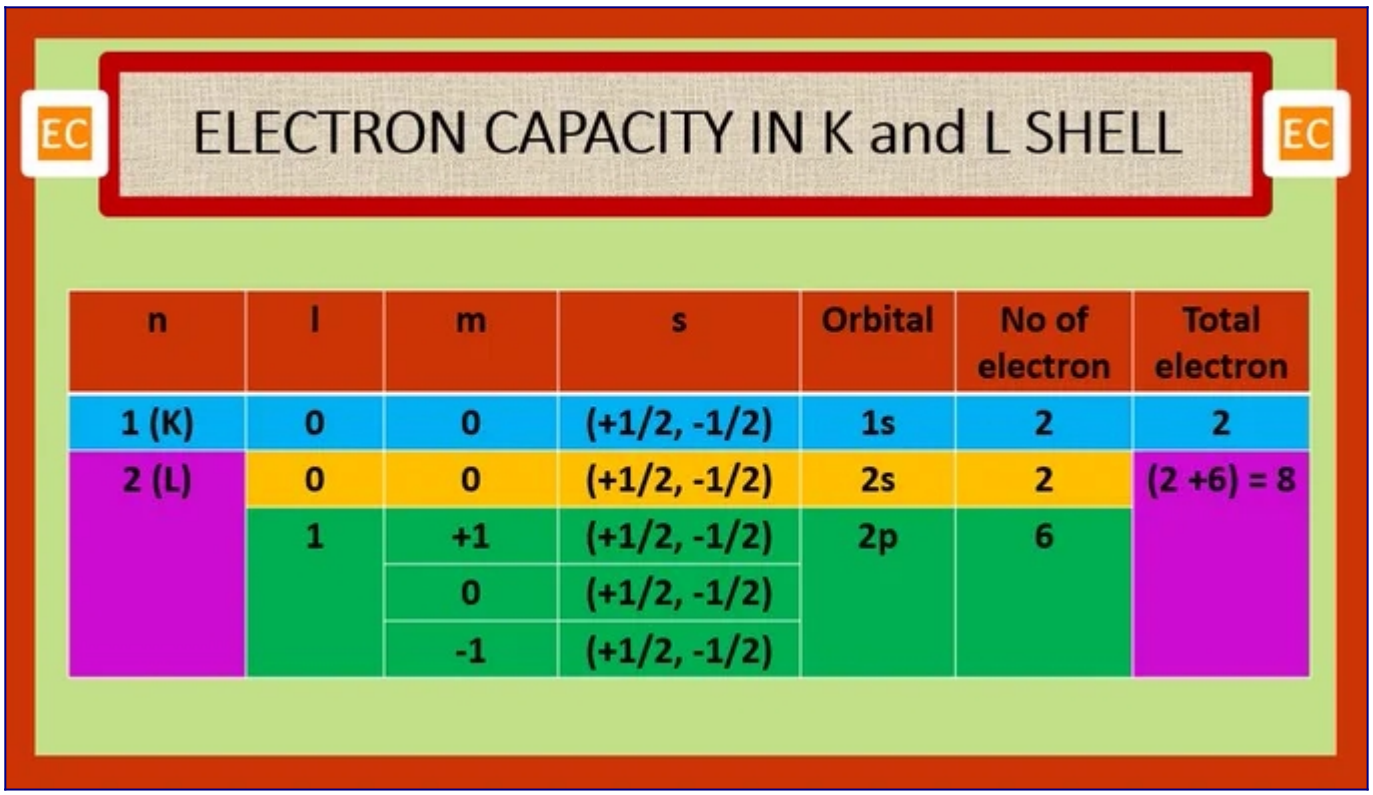
Where are you when things are heating up ?



n	l	m	s	Orbital	No of electron	Total electron
1 (K)	0	0	(+1/2, -1/2)	1s	2	2
2 (L)	0	0	(+1/2, -1/2)	2s	2	(2 +6) = 8
	1	+1	(+1/2, -1/2)	2p	6	
		0	(+1/2, -1/2)			
		-1	(+1/2, -1/2)			

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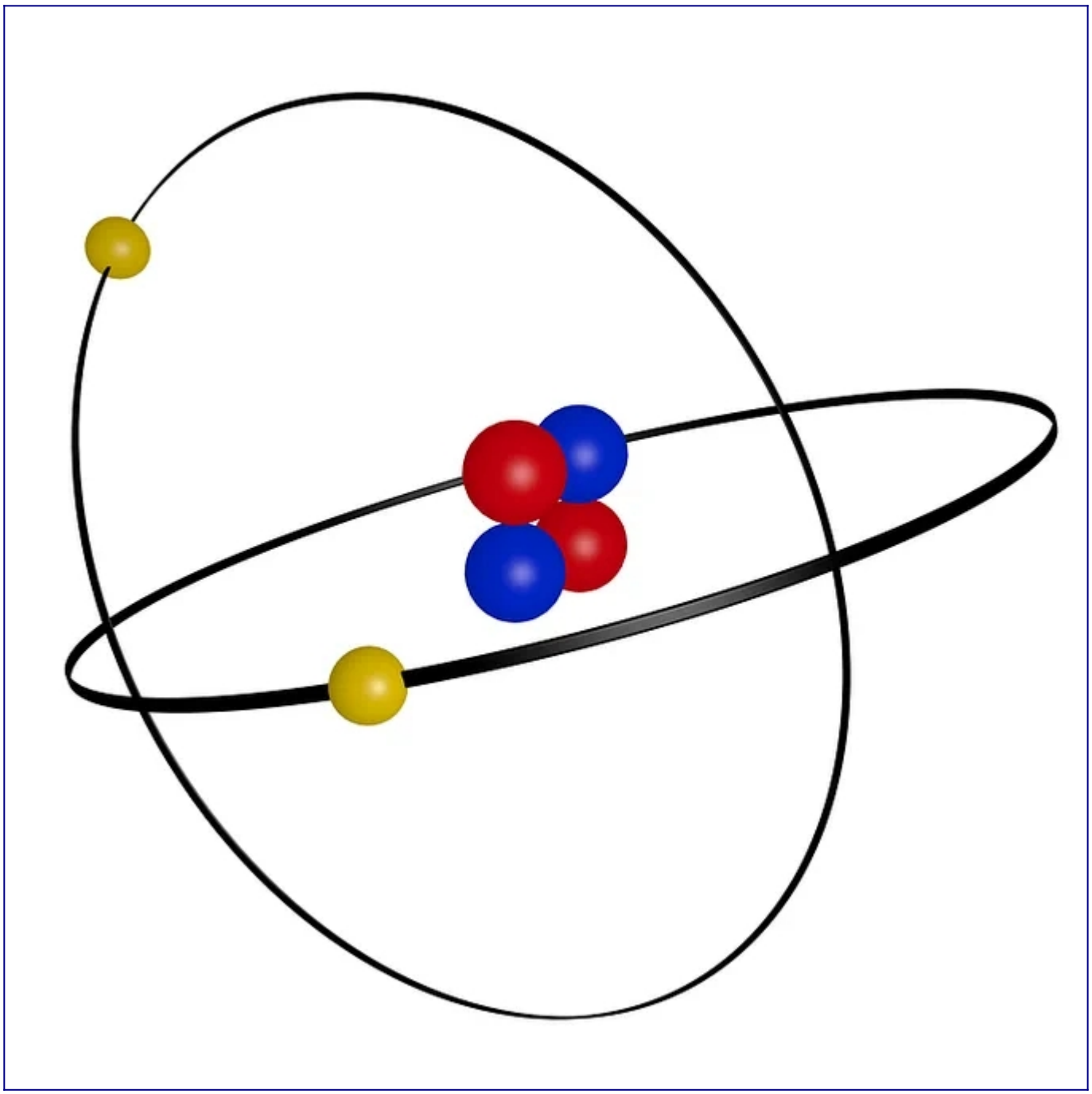
As the electron shell/cloud is heated/Ionized, Ionization stress the Shell layers orbits, Graduating from the outer N Shell toward the inner K Shell The K Shell is the last, Hardest/Brittle, atomic structural member Each Shell has it’s own Iso-Specific Clockwork map.



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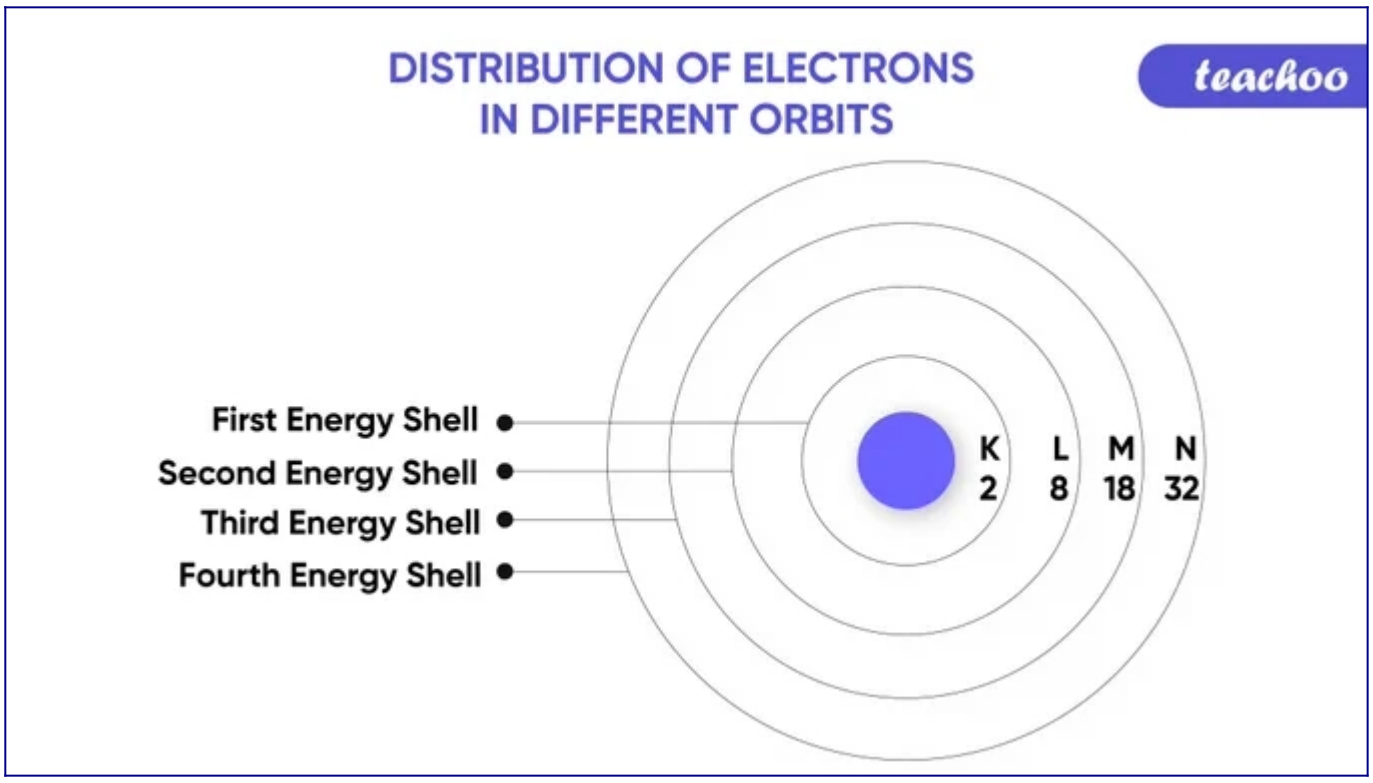

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29 Dec 2023
Replying to @Arnfden0 @UAPmike
Looks 1950's crappy Ailien technology ?
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28 Dec 2023
Replying to @InterDimTravelr
Vectoring/Steering Forward movements, when moving, is achieved by Distortion of the Boyancy Field. The Boyancy System nulls the surrounding, Gravitational currents with ULF HV AC current on the Fuselage Skin. This creates the same conditions as re-entry but at Lower temps.
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Your jaw would drop if you knew how much money was spent painting the floors in these Covert Hangers. Lockheed has a special Team that shows up and paints your squadron logo on the floor. Everyone has a TS security clearance for compartmentalized floor painting.
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When you push any Atomic Axi, the other 2 Axi always tag along, joined at the hip, 90 degrees from each other, so they don't get in each others way, ever.
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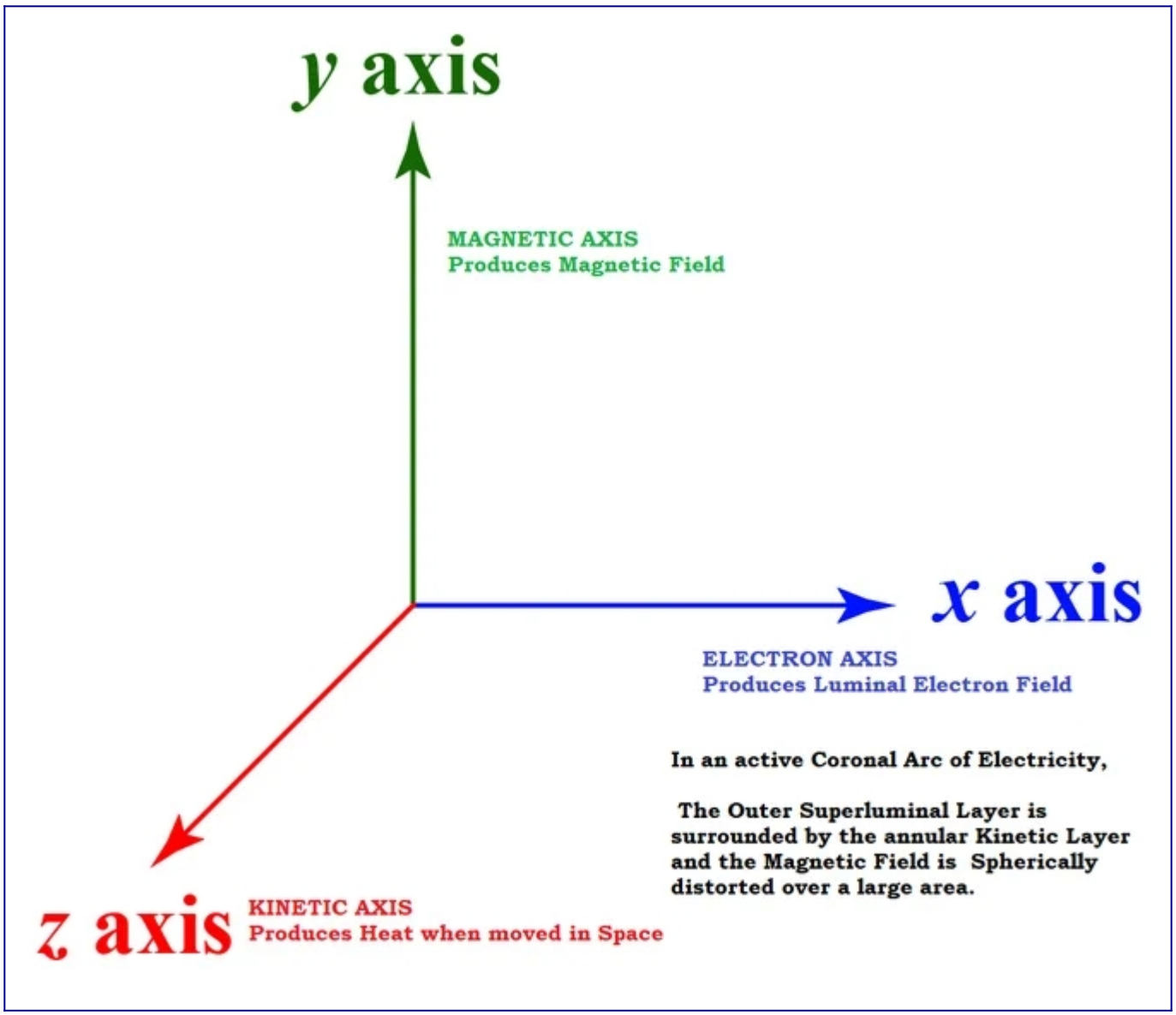

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We can see the physical meaning of ν: ν is the largest energy in unit of $2\sigma_\varepsilon$ for an electron to be confined withint the separatrix. When H is small, the electron moves around a circle in the ε,ϕ space, with period $T = \lambda_w/(4\mu\sigma_\varepsilon c)$, so T is the bunching-debunching period.

Given the initial phase ϕ_o and the energy ε_o, we can solve (2.7) (2.8), and express ϕ and ε by Jacobian eliptic functions. For a initial distribution which is Gaussian in energy and uniform in phase, as shown in fig. 3.a, we calculate the distribution for t =T/4,T/2,4T, respectively, and plot these data in phase space (fig. 3.b-d). Here we use σ_ε as energy unit. When t =T/4 the bunch is narrow (all close to ϕ = 0), but the bunch is wider at t =T/2, mainly because those electrons that receive large energy modulation now rotate around a large circle, and reach a larger ϕ. Since an electron with a larger amplitude has a longer period, the distribution of the rotation angle gradually becomes uniform over all directions in the phase space, the oscillation of the bunch size becomes small, it is almost stable at t = 4T, but bunching is not dense.

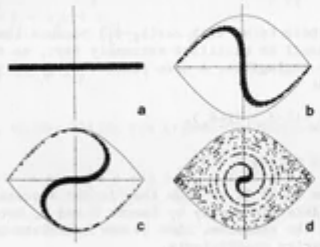


Fig. 3a,b,c,d

However, if we use a two steps bunching, the situation could be different: We start from a smaller μ in the modulator, say $\mu = \mu_1$: We have a correspondingly lower separatrix as shown in fig 4.a. When we reach the maximum bunching at the end of the modulator (which is the begining of the radiator), let us suddenly increase μ to μ_2 (higher separatrix), but keep the phase the same. Then, since most electrons are already close to the center, only a few electrons receive a large energy modulation when t =T/4 after the second step (the radiator). Figs. 4.b-d show the evolution in the radiator. It appears that the bunching is now much more dense at equilibrium.

To study the evolution of the charge density, we observe that ϕ can be expressed as a function of ϕ_o, ε_o, and t: $\phi = \phi(\phi_o, \varepsilon_o, t)$. From (2.7) and (2.8) we can see that if the initial value

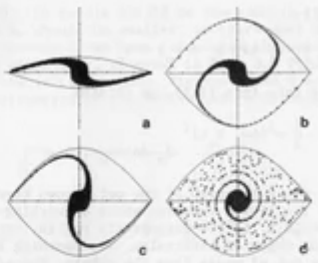


Fig. 4a,b,c,d

ϕ_o is increased by 2π. ϕ will increase by 2π at time t. So, if we consider z as a function of ϕ at fixed time t, and express the charge density functions $\rho(z)$ as a function of ϕ, then $\rho(z(\phi))$ is a function with period 2π. We take Fourier expansion:

$$\rho = \rho_o \left(1 + \sum_{n=1}^{\infty} A_n \cos n\phi\right) \quad . \tag{3.3}$$

The Fourier coefficient A_n can be shown to be:

$$A_n = \frac{1}{\pi\sqrt{2\pi}\sigma_\varepsilon} \int_{-\infty}^{\infty} e^{-\frac{\varepsilon_o^2}{2\sigma_\varepsilon^2}} d\varepsilon_o \int_{-\pi}^{\pi} \cos n\phi \, d\phi_o \tag{3.4}$$

We notice that the formula of TOK without frozen bunches can be derived with the help of (3.4). Suppose that at the end of the TOK modulator the electron energy is modulated, but the phase is still unchanged. then we have:

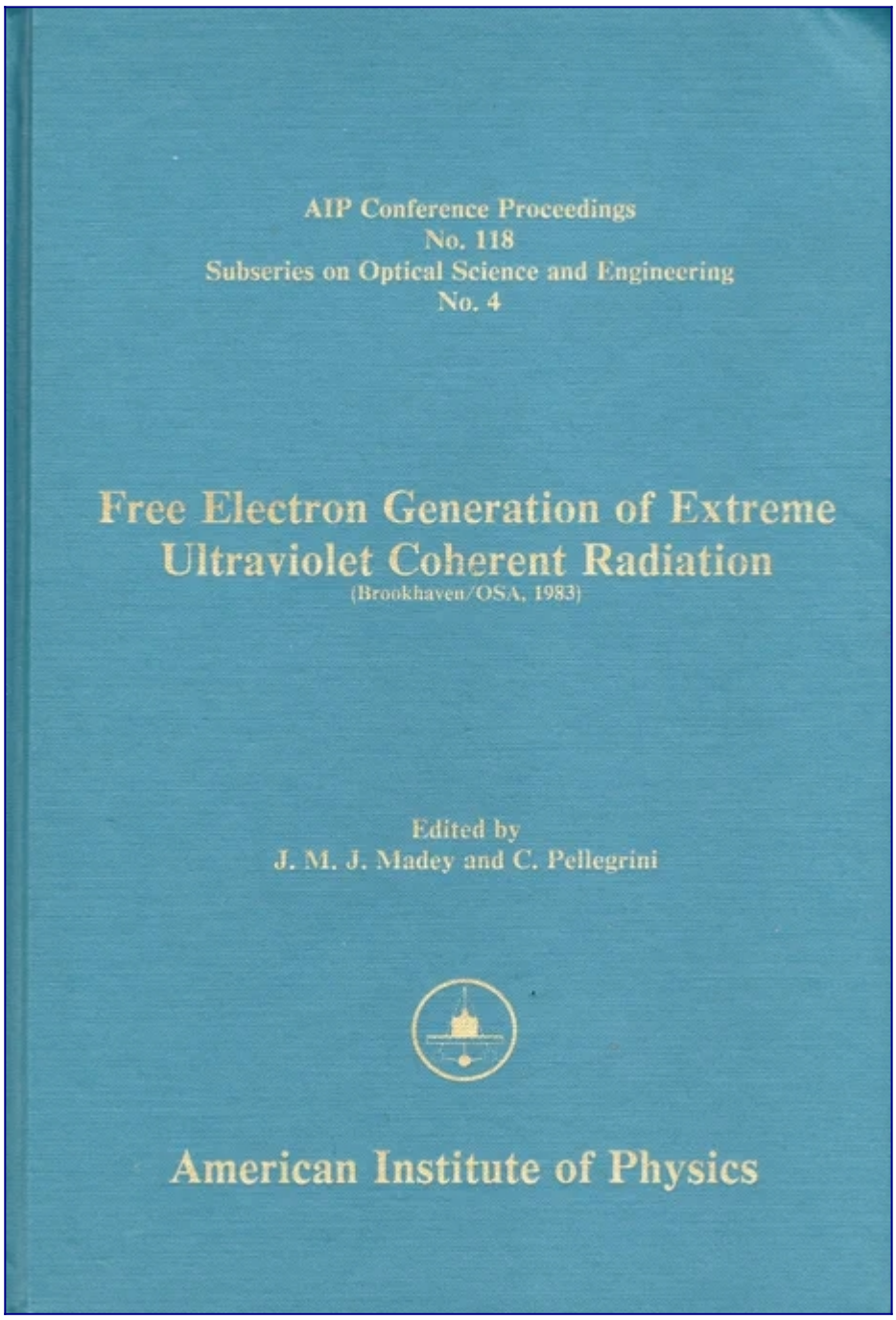
$$\phi = \phi_o \tag{3.5}$$

$$\varepsilon = -\varepsilon_1 \sin\phi_o + \varepsilon_o \tag{3.6}$$

Now suppose that the e-beam goes into a free drift space, then (2.7) and (2.8) become:

$$\dot{\varepsilon} = 0 \tag{3.7}$$

$$\dot{\phi} = 4\omega_w \varepsilon \tag{3.8}$$



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The Media and Obect is in should have a differing Model set from the Object under observation/Gravitation. Gravitation downward while standing on a planet has a different rule subset from drifting in space.

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For your thought: Is Heat an Inverse of Gravity similar to Bernoulli's Pressue/Velocity Inverse of 2 Partial Differentials. And where are the Boudary Layers.

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28 Dec 2023
Yes, a "LOCAL" force. Starts when stress moves from L shell to K Shell.
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28 Dec 2023
Consider removing energy on the Nose of your spaceship, pushing the vacuum of space just 7 to 10 atoms away . There is a "Soup" of Electrons and Free Ions everywhere in space. The Van Allen Belt is a river of Bunched Electron.
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28 Dec 2023
Replying to @planethunter56
I saw that plane from 200 feet in 1989. It had B767 Nosegear underneath when it rolled by The smell of Kerosine followed it. I think it got buried or crashed in 1991.
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28 Dec 2023
Replying to @DrKeithLTaylor @UapOld47976 @YouTube
After hearing the story, The Alien sounds as if he doesn't sound Confident that he knows how his own spacecraft functions. He fires off a Bullshit answer to the officer. Stupid Alien tech don't have Conformal Antennas . His spacecraft is a piece of junk, and he knows it.
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28 Dec 2023
Replying to @UapOld47976
OSHA approved Fall prevention railing, Handrails on the stairs...mmmmm.....Top Secret Handrails.... OSHA approved to prevent Aliens from filing a workcomp claim ? If the Alien is on Federal Property, when injured, he must file a Federal Employee Workmans Comp, it's the law.
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27 Dec 2023
Pockels effect on Polarzibility of propagating EMF waves. Pockels-Cell and Polarization (youtu.be)
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
27 Dec 2023
Replying to @MrJoeMilliano
Kerr Effect
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27 Dec 2023
Gravitons and Tachyons are FAKE Science.
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27 Dec 2023
K = KAPPA = Resistance to K Shell's Atomic Dielectric Bond/Bond Interfacial stress penetraition depth to Kinetic (Inelastic) Collisions.
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27 Dec 2023

Bizarre Transport Phenomena found inside Superconductor Work Functions could help unlock a 'Holy Grail' of Physics-GRAVITATION. livescience.com/physics-math…

Physicists have found a 'demon' particle inside a superconductor, and it could finally explain how...

The transparent, chargeless quasiparticle could shed more light on the underlying mechanics of superconductivity

livescience.com
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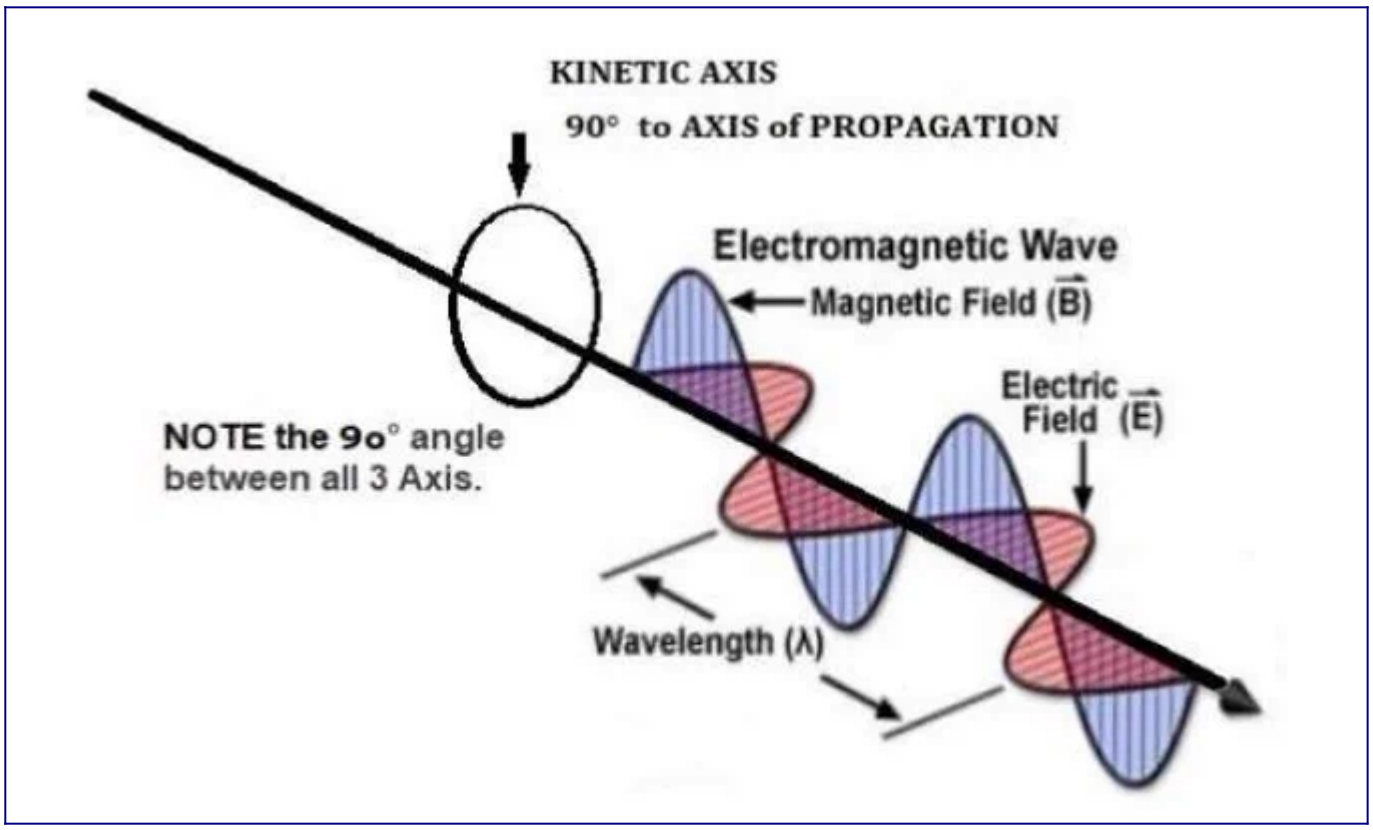

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27 Dec 2023
Replying to @mathladyhazel
Very r2.. No r3 Referential.

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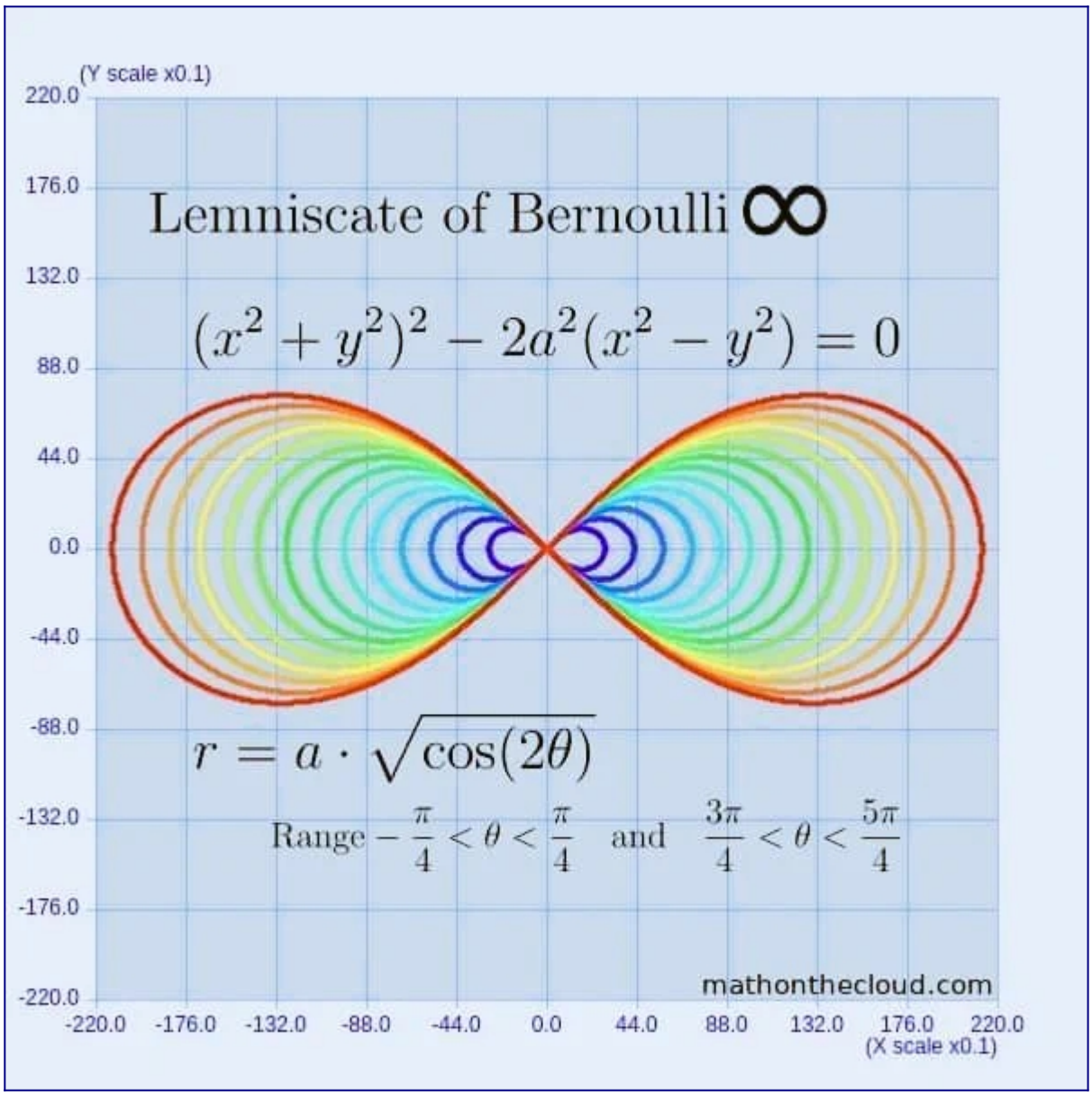
26 Dec 2023
Basic Empirical Gravitational Modeling consist of a 3 Body Model set with it's Referential point transitioning thru Lemniscate Transforms. youtu.be/watch?v=dyx6R827…

ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS retweeted
Reygan Dionisio@ZahlenRMD
26 Dec 2023
The symbol for infinity ∞ is known as a lemniscate. The lemniscate of Bernoulli has the implicit equation $(x^2+y^2)^2-2a^2(x^2-y^2)=0$ where 'a' are the foci points on the x-axis. It can also be represented as the Polar equation r=a*cos(2*θ)^(1/2) within a specified range for θ. ctto



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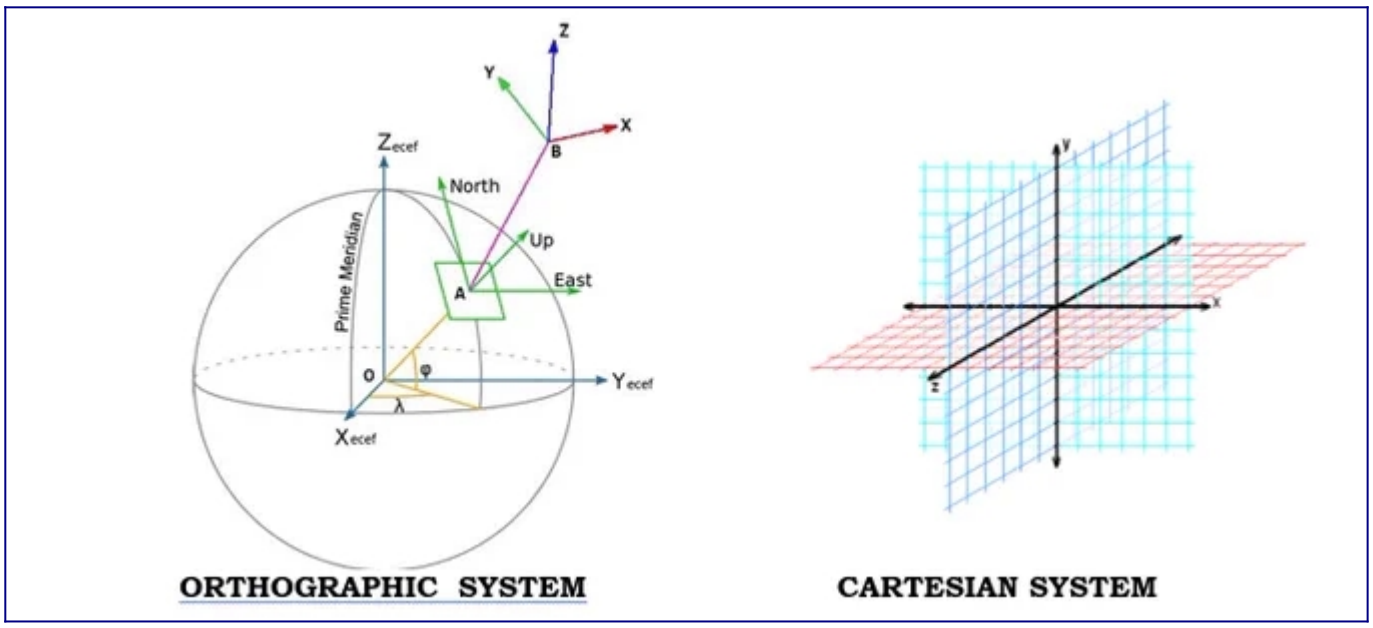
26 Dec 2023

Empirical modeling of gravity requires a full understanding of Coordinate Systems.



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Jump to 48:45 for Plasma 'demon'stration. youtu.be/watch?v=0WWjCICq…

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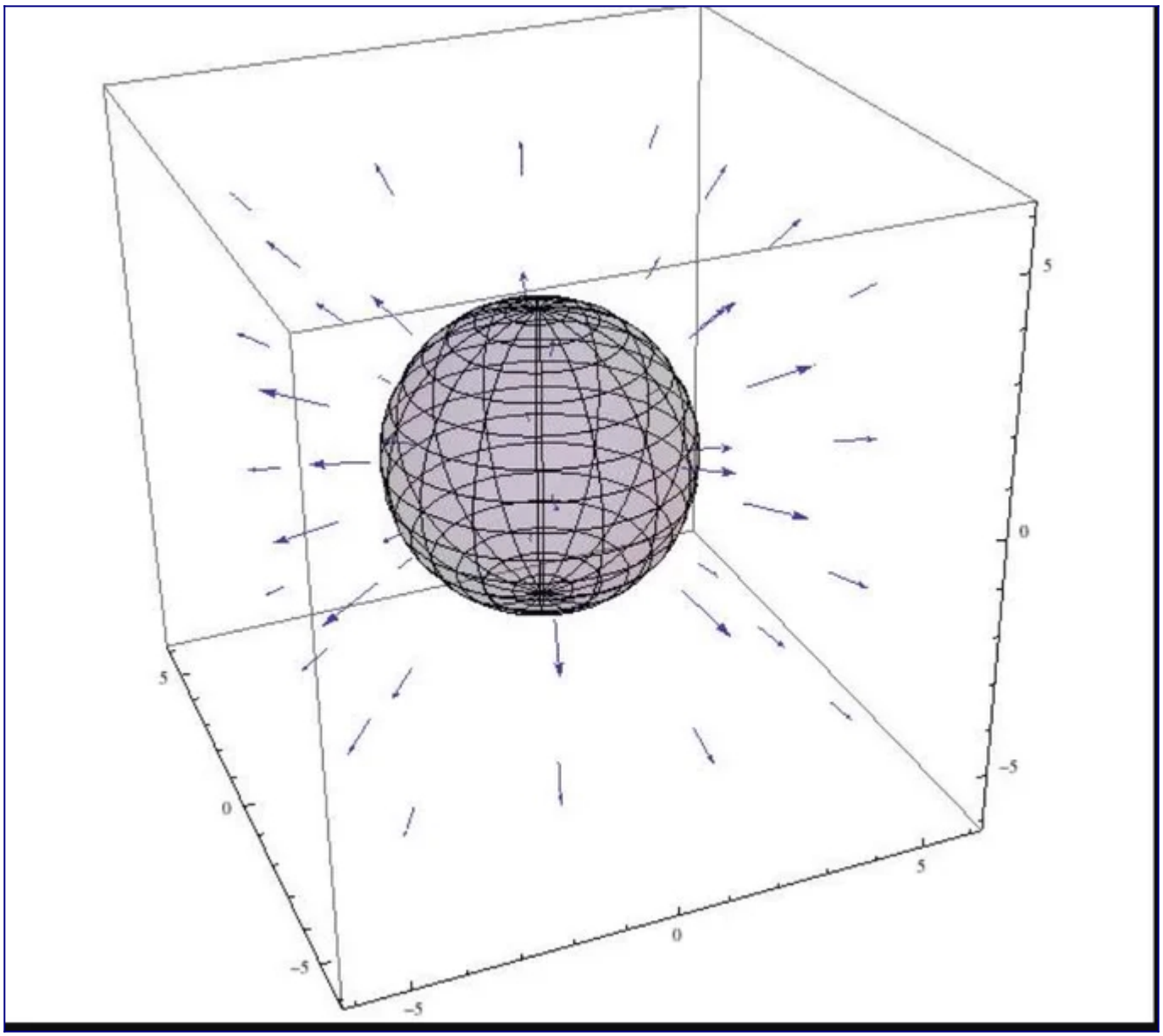

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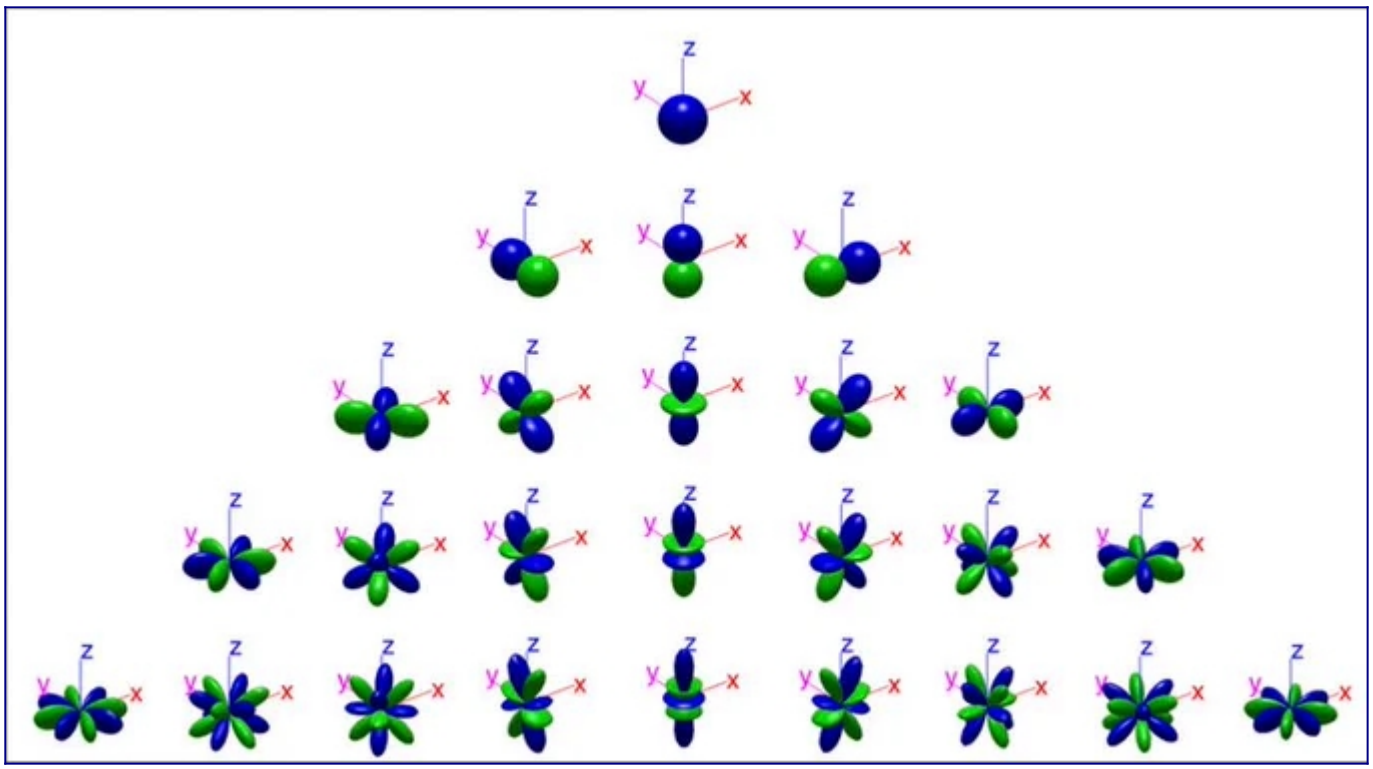

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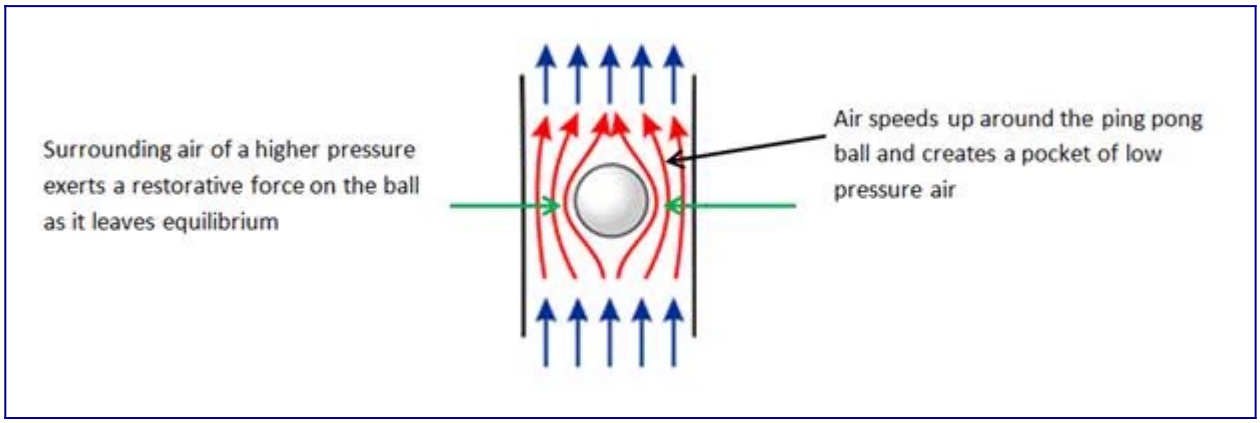

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26 Dec 2023

The Kinetic Atomic Axial Force is the Thermal/Friction of KINETIC MOVEMENT. Everything in the Universe is moving, nothing is not moving. A wave moved through the NOTHINGNESS and pushed more of nothing on the forward side of the wave Creating Denser Nothingness....

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Academia neglects the 3rd Axial atomic Force. (1) ELECTRON (You know this guy well) (2)MAGNETIC(This,Guy ↑ hangs around this guy @ 90°) (3) KINETIC (Longitudal Axis of Propagation.) Hangs at the 3rd Axis 90° from the other two guys!

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When an arc of electricity idles, the Kinetic Axis/Thermal Heat Boundary Layer rides around the cold Electron Superluminal Boundary Layer.

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ELECTRIAL PROPULSIVE SPACECRAFT utilize ULF Low Frequency UHV resonant power supplys to Push the surrounding media, Air or vacuum's Adhesion 'OFF' your fuselage skin. This give superfluidity without high priced Superconductors. A Plasma media is a Superconductor.

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26 Dec 2023

A BOYANCY SYSTEMs creates geometrically alinged electrical fields that push Gas atoms in a 'Ballooned' envelope away your ELECTRIC PROPULSIVE SPACECRAFT's Fuselage Skin.

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ELECTRIC PROPUSIVE SPACECRAFT's BOYANCY SYSTEMs lower the surrounding atmospheric MEDIA's Surface Tension Adhesion constant called Electrocapillarity Constant. Calibrated elevation of Surface Tension are accurately measured by Kerr Effect.

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ELECTRIC PROPULSIVE SPACECRAFT differ from conventional aircraft construction in 3 Systems. (1) BOYANCY SYSTEM (2) ATTITUDE CONTROL SYSTEM (3) PROPULSIVE SYSTEM

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. Q?: What is between you and the UAP up in the sky ? A: Multiple BOUDARY LAYERS of Electrocapillary responsding Media .

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26 Dec 2023

Elecrically Powered Spacecraft utilizes distortion in BOYANCY Field emmissions to lower vacuum pressure on selected areas of the fuselage. This Vectors "Steering" Commands to the Propulsive System. Propulsive Systems and Boyancy Systems "Mix" Inertial Nulling field shape.

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25 Dec 2023

BOUYANCY is the tendency of a Body to rise against the surrounding MEDIA.

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25 Dec 2023

How do you Physically Compress or Expand a Magnetic Fields Λ and Curl, F , to achieve command over the Curls Vectored Direction in Λ, ∇ of F .

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25 Dec 2023

L to K Shell Boundary is the Atomic Macro to Micro Scale transitional Zone.

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25 Dec 2023
How do you measure K Shell Curl and ⅄ on the Fuselage of your Electrically Propulsive Spacecraft.
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25 Dec 2023
From the Study of Wave Mechanics. When a Wave goes through Nothing, There is 'more' nothing on the front side of the wave.
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25 Dec 2023
When the K Shell is Stressed the 3 Part Nuclei present 3 Axially constrained forces. (1) X Electrostatic/Electron (2) Y Magnetic (3) Z Kinetic/Heat. All forces are clocked from each other at 90 Degrees, Axially apart, by Gyroscopic Precessional Forces.
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25 Dec 2023
@elonmusk JJ Thompson discovered that the Electron is the smallest Physical Particle that had real (Relativistic) Mass. Everything smaller is the Eddy of the Electron, a "Ghost", if you will. Why is Academia "Chasing Ghost!

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25 Dec 2023
How do you model Electron Velocity (Wave) Dynamic Transitional states? When does Skin Effect Propagation 'transform' into Radial Propagation ?
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25 Dec 2023
Q? Does the wind BLOW you or does the wind conformally wrap itself around you, Pulling you in it's direction of travel ? A: Both but the force of low pressure on the downwind side exerts greater force than the higher pressure of wind blowing. This negative Force is called LIFT.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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25 Dec 2023
Gravitation is a LOCAL FORCE.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
24 Dec 2023
How do you find the Gradient of a Gravitational Field ? youtu.be/watch?v=P6GrtCb6…

The Guy Made Most Physics Theories Redundant.

His discoveries made famous physicists' theories redundant... but also a lot easier to solve!Hermann Weyl contributed a lot to physics and math, including sh...

youtube.com
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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24 Dec 2023

Q?: Where do you combine Orthographic and Cartesian Systems in Electro-Dynamics ? A: The Smith Chart .

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23 Dec 2023

How do you Null Mass in your Electric Propulsive Spacecraft.

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23 Dec 2023

Q? What is the Interfacial Tensor between the L-Shell and 3-Part Nuclei ? A: The K Shell.

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23 Dec 2023

Is Kerr Effect a good way to measure to Electron-Electron Interfacial surface tension on the Fuselage of your Electrically Propulsive Spacecraft ? britannica.com/science/Kerr-…

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23 Dec 2023

Secrets to Electrically Propulsive Spacecraft are found in Evgeny Liftshifz & Lev Landau's Course on Theoretical Physics. Unique prospective on Electron-Electron and Sub-Shell Interfacial surface Tension modeling. en.wikipedia.org/wiki/Course…

Course of Theoretical Physics - Wikipedia

en.wikipedia.org

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23 Dec 2023

How do you measure the surrounding Media's L to K-Shell Interfacial stress on your spaceships fuselage skin ?

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23 Dec 2023

The greatest error in 3-Body Gravitational modeling is thinking Newton modeled Gravitation. N Newton modeled 2D Inertia, without reference to the surrounding Media's adhesion constant, Interfacial Tension.

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23 Dec 2023

If you are not Modeling GRAVITATION by "FIELD AROUND a POINT", Your Modeling Inertia, Not Gravity. What is the surrounding MEDIA's Field Density Gradient. Newton modeled 2D Inertia not 3D Gravitation. Where are the Interfacial Electron Inertial Tensors in Newton's function.

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22 Dec 2023

Physical movement of Photomultipliers induce an increase in the circuit’s Thermal Noise Floor. Ferro-Electric-microphonics are induced from the surrounding media’s Electrostatic (Electron Axis) Force moving around the Photomultiplier.

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22 Dec 2023

Photomultiplier Surface Charging problems have plagued Photomultipliers in Satellite use. SiPin Photodiode don’t suffer from Microphonics unless low power J-FETs are used. SiPIn Photodiodes are a better sensor for satellite use.

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22 Dec 2023

When sensitive Photomultipliers, with long Scintillators, are accelerated, there is a linear increase in the circuit’s Thermal Noise Floor, proportional to the speed. This exploitable technique can be used to create Gamma Ray sensing accelerometers.

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22 Dec 2023

Gamma Ray sensing Accelerometers would utilize Kinetic movement in reference to Sensor based” “Corrected” background radiation Energy Levels to discern Rate functions.

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22 Dec 2023

To go 'Real Fast', instead of using Giant Expensive Reactionary Fuel engines.... Why not remove the energy in a vectored direction causing the Universe to Pull you along faster than light. This would require an miniscule amount of Electrical energy with the proper devices.

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22 Dec 2023

The Kinetic force of motion gets it's vectored direction from L to K Shell stress. This is where Exploitable Nulls of Inertia can be introduced at the K Shell to 3 Part Nuclei Boundry Layer.

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21 Dec 2023

What Type Devices can Precisionly heat the Outer K-Shell to apply exact levels of Dielectric stress ?

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18 Dec 2023

The Boundary Layer between the K Shell at the 3 part-Nuclei prevents Macro-Atomic Scale Heat/Energy from wicking across to the Micro-Atomic scale universe of fine matter.
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18 Dec 2023
Dielectric Stress on the outer K Shell face, causes as increased interfacial energy transfer between the K Shell and Nuclei Boundary Layer. Stress on the K Shell conducts heat more efficiently between Macro and Micro Atomic scales.
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18 Dec 2023
This is Dynamically modeled as a Field around a Point with a Dynamic Operator Model. This is conventionally modeled as 2-dimensional K Shell "Dielectric Permeability" function.
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18 Dec 2023
Gravity's tug is directly measurable on the Outer face of the Interfacial K Shell's Boundary Tensor.
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17 Dec 2023
When High Voltage is applied to a Metal Objects surface, It's internal Free and Lightly Bonded Electrons are brought to the surface and temporarily entrained into the exterior surfaces magnetic field. This a PROPERTY of a Ferro-Electric response, Surface Charging.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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17 Dec 2023
ELECTRIC PROPULSIVE SPACECRAFT utilize High Voltage Low Frequency Alternating Currents emitted from its fuselage to insulate our vehicles from surrounding Media's Vectored Direction, Gravitation. Simpler, we idle a non-propagating Arc of electricity on our fuselages.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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17 Dec 2023
Hint to Gravity's secrets..... How do you solve the most complex 3 Body Problems ? You combine Orthographic and Cartesian Coordinate Systems to Model the InterFacial Forces. You must model a Field Around a point with a Native Gradient.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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16 Dec 2023
How do you Dynamically model a spacecraft's Interfacial Gravitational Vector ? An Emperical Dynamic Gravitational Operator Model, A 3 Body Model, is the HOLY GRAIL of PHYSICS. This can only be discerned by combining Orthographic and Carthesian coordinate Systems.
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15 Dec 2023

Did Newton Model Gravitation correctly ? or Did Newton Model the FIELD of Gravitation ? or Did Newton Model the OBJECT under the Influeance of Gravitation ? Did Newton model a NOUN or a VERB ? Newton did not have a Empiracle Dynamic Gravitaional Model.
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14 Dec 2023
Mankind needs an Dynamic Empirical Mathematical Model of Gravitation. In what Math Models do you find a Boundry Layer Gradient of Gravitation with Native Gradients ? How are Interfacial Tensor Gradients Found in a Gravitation Field ? A Dynamic Operator Model gives answers.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
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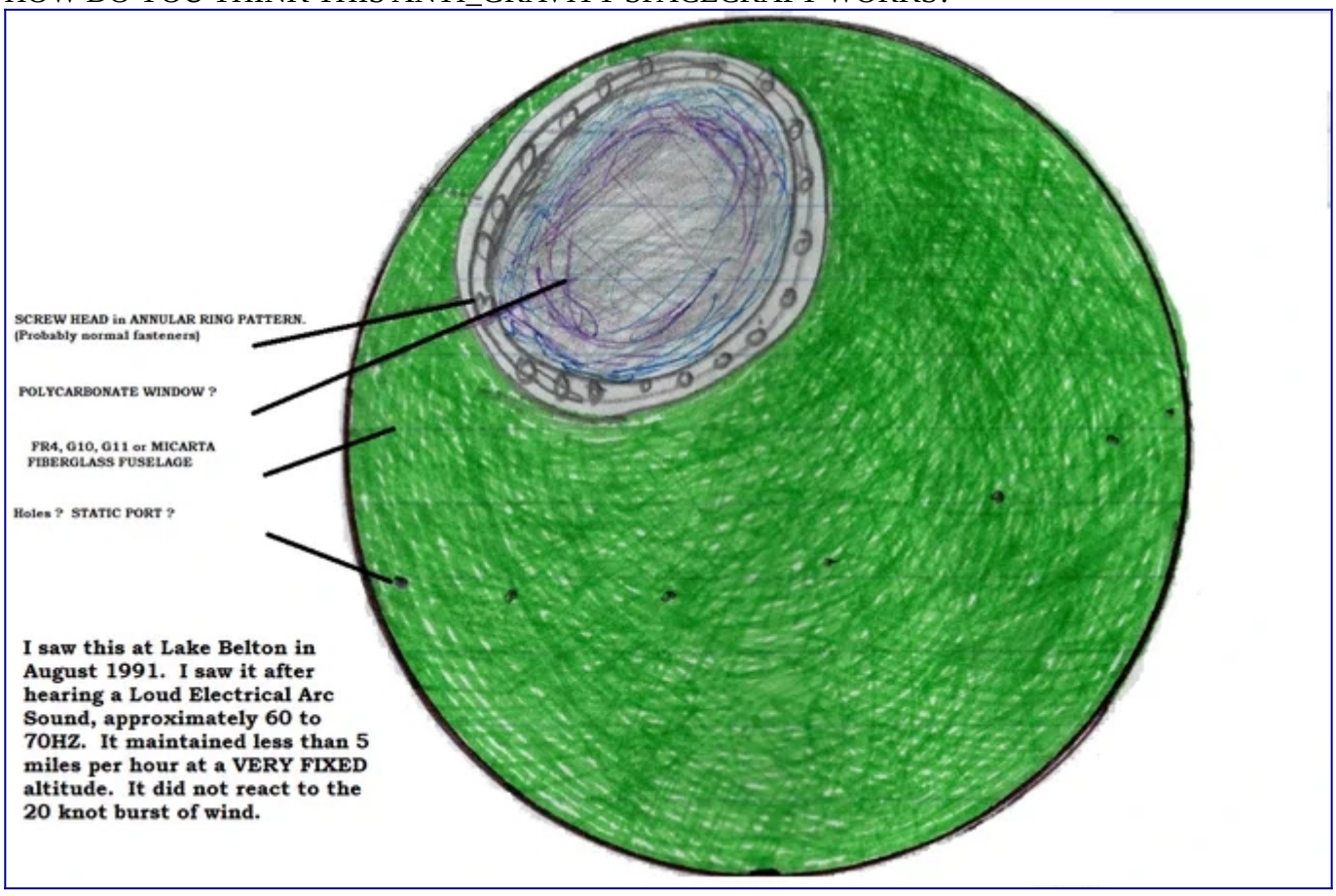
26 Jun 2023
HOW DO YOU THINK THIS ANTI_GRAVITY SPACECRAFT WORKS?



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22 Jun 2023
The Holy Grail of Gravitational Research is an Empirical Dynamic Operational Mathematical Model of a Gravitational Field around a Point with Native Gradients that scales to Infinity and has an Inverse function (Reversibility).
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21 Jun 2023
TEST QUESTION Q? How is the Kerr Effect used in Interstellar and Galaxy Class Spacecraft Fuselage Skin ?
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21 Jun 2023
Q? Are Frequency and Wavelength, INVERSE DIFFERENTIALS ?

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21 Feb 2023
Q?: Are Gravity and Heat Inverses, like Pressure and Velocity ? or is this a Bad relationship.
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19 Feb 2023
Where is Gravity's Upward Displacement ?
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17 Feb 2023
For every action there is an oposite and equal reaction. Q?: Where is Gravity's Upward Displacement ?
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16 Feb 2023
Gravitations' origin begins at the Interracial Surface Tension of the Object Surface area under Gravitation.
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25 Jan 2023
After WW2 the Worlds men came home and felt compelled by God to repopulate our World with People Who's Souls would look beyond War and see the Stars.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
23 Jan 2023
Replying to @OneFeIISwoop
The Loss of Friendships.
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@TMBSPACESHIPS
19 Jan 2023
@elonmusk at ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS we Engineer you problems away.
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
12 Jan 2023
How do you Empirically Model Infinities internal space, the Inwardness or a point ? With a New Orthotesian Coordinate System!!!
ELECTRIC PROPULSIVE SPACECRAFT SYSTEMS
@TMBSPACESHIPS
11 Jan 2023
Why do we model Gravity as a 2-Dimensional Force ? Is this a bad relationship ?
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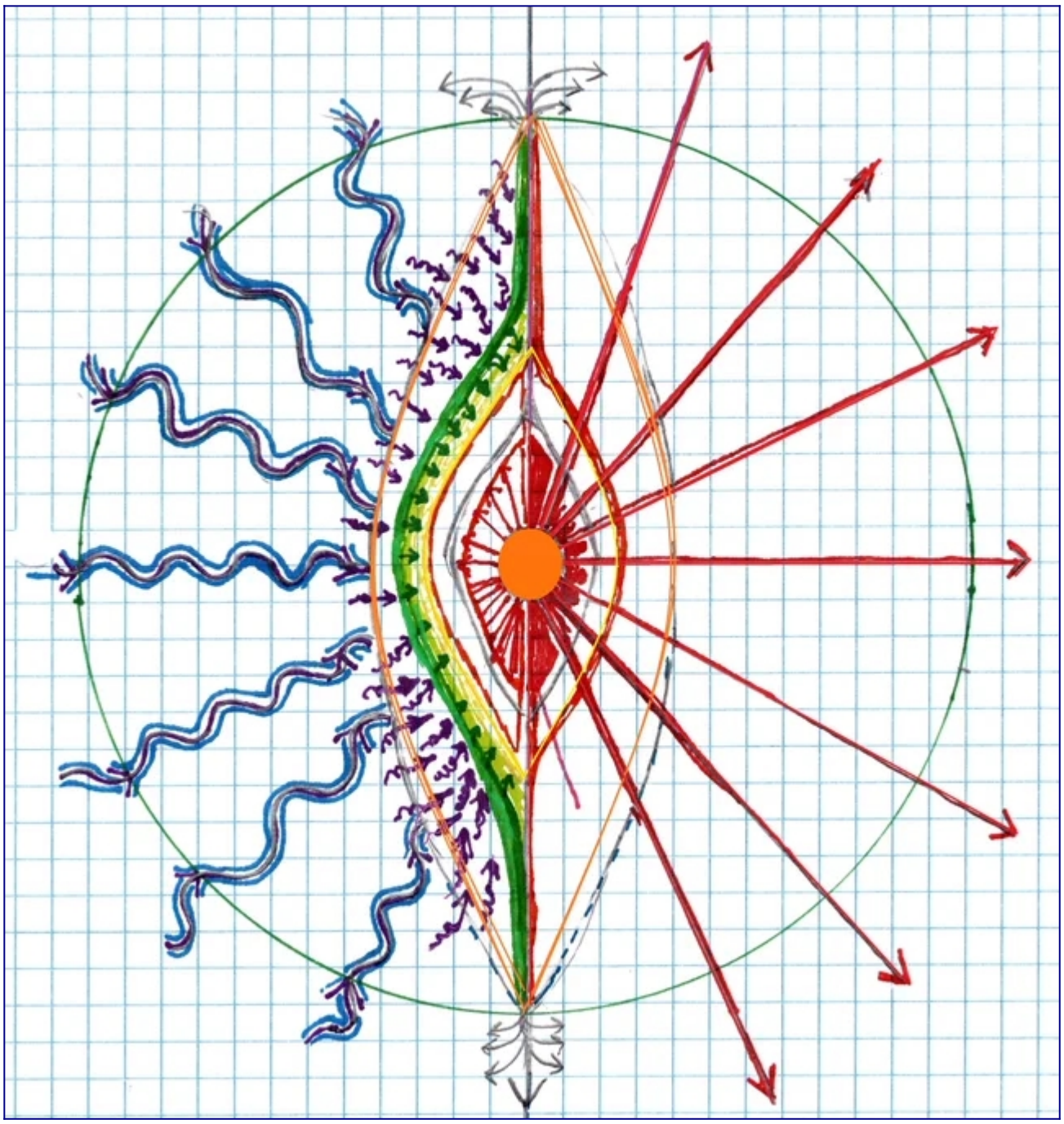

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